

REPORT: 1883

1 17

Filed 1882

Examined by John D. Campbell

Compared by W. M. Anderson, L. W. Hickman

FIELD NOTES

OF THE SURVEY OF THE

Fractional
North and South Boundaries,
OF
Township No. 19 South
Range No. 20 West

OF THE SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Andrew J. Stewart, Jr.

U. S. Deputy Surveyor,

Under his Contract No. 103

Dated June 15th 1881Survey commenced Jan. 21st 1882Survey completed Jan. 24th 1882

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1.

BOOK-A-181

Township 19 S. R. 20 W.

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

NAMES AND DUTIES OF ASSISTANTS:

Shadrach M. Richardson Compassman.

James P. Stewart Chainman.

Joseph T. Thompson Chainman.

Britham J. Brown Chainman.

James H. Copley Chainman.

Joseph P. Copley Axeman.

David E. Graft Axeman.

Flagman.

Fractional South Boundary
Extriors T. 19 S. R. 20 W. 3

17

On the night of January 20th. 1882 I took an observation on the Star Polaris, in accordance with instructions contained in the Manual of Survey, and drove pickets on the line thus established.

Survey commenced Jan'y 21st. 1882, with a Bush improved Solar Compass. Before commencing this Survey I test my compass on the line established last night and find it correct.

If begin at the corner to Townships 19 and 20 South ranges 19 and 20 W. established by myself under

Fractional South Boundary.
Ext'ns T. 19 S., R. 20 W.

- Chains my present contract. Cite
Thence I run
West, on a true line bet-
w. Sec. 1 and 3. 6
Va $16^{\circ} 20' E.$
Over level ground, through
brush
- 4000 Deposited a quart of char-
coal 12 ins in ground
for $\frac{1}{4}$ sec. cor., dug pits 18X
18X12 ins E. and W. of
cor. 5'n ft. dist. and raised
a mound of earth $1\frac{1}{2}$ ft.
high 3*1*/₂ ft. base over it
in E. pit drove a stake 2
ft. long 2 ins square 1 2
ins. in ground marked
 45° on N. face
- 45.60 Intersect line between
Utah and Nevada at a

Chain a point 4 chs. S. of cor. Post
 4 ins square firmly set in ground
 marked Utah E 18² S.

Nevada W. and L 37

W. faces standing in a mound
 of earth, with jets. At point
 of intersection set a chain
 post 4 ft long 4 ins. square
 2 ft. in ground for closing
 cor. to Secs 1 and 86 marked
 C.C. T. 19 S. R 20 W.

S. S 6 on N. Utah on E.

T. 20 S. on S. and Nevada
 on W. faces with 1 notch
 on E and 5 notches on W.
 faces.

Land level, Soil 1 strata.
 undergrowth of mesewood
 on 45-60 cas.

January 21st 1882

6 E Fractional North Boundary.
Exterior S. 19 D. T. G. 2d W.

Claims.

From the cor. to Pps. 18 and 19
S. R. 19 and 20 west, estab-
lished by my self. I run
West, on a true line bet.
ween Secs. 1 and 36.

Va. $16^{\circ}25' E.$

Ascend gently sloping bench
A road course N.W. & S.E.
Bet a cobble stone 18x12x6
ins. 12 ins. in ground for $\frac{1}{4}$
Sec. cor. marked + on N. face
raised a mound of earth and
stone along side.

45.80 Intercept the line between
Utah and Nevada at a
point 5-05 Chs. North of
post 4 ft long 4 ins square
marked Utah on E 14 $\frac{1}{2}$ S.
Nevada w. and Z 37 on N.
lying by old mound of

146

Salt Lake Meridian

7

L7

Earth and gravel with
bits. and at or set Stake
firmly in ground and
at point of intersection
set a gray lime stone
 $20 \times 12 \times 8$ in. 15 in. in
ground marked C C
with 1 notch e and 5-
notches w. edges and
raised a mound of earth
and stone along side.

Land bench,
soil ~~dry~~ water

"No timber"

January 24th 1882

over

General Description

The land in this fractional township is level and of same nature as in the adjoining subdivided township East.

It is traversed by the Pickle road and could be subdivided.

Andrew J. Stewart Jr.
M. J. Dep. Surv.

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, July 22nd 1882

The foregoing field notes of the survey of the

Fractional
North and South Boundaries

Township No. 19 South Range No. 20 West.

of the Salt Lake Meridian, Utah Territory,
Executed by Andrew J. Stewart Jr.
Under his contract No. 113
of the 15th day of June 1881,
in the month of January 1882,
having been critically examined, the necessary
corrections and explanations made, the said
field notes, and the surveys they describe are
hereby approved.

Frederick A. Ladd
U. S. Surveyor General for Utah.

REPORT: 1883

Filed 188

Examined by

Compared by G. Schubell & E. Solomon.

FIELD NOTES

OF THE SURVEY OF THE
Fourth Standard Parallel
South.

OF

Township No.

Range No^s 13, 14, 15, 16, 17, 18, 19 & 20 West.

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Andrew J. Stewart Jr.

U. S. Deputy Surveyor,

Under his Contract No. 103.

Dated June 15th 1881.Survey commenced January 16th 1882.Survey completed January 19th 1882.

2
BOOK-A-181

Township

S. R. 13. W.

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36
17	16	15	13	12	11

3

BOOK-A-181

Township

20 S. R. 14 W.

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36
26	24	23	21	20	19

4
BOOK-A-181

Township 20 S. R. 15 W.

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36
36	35	33	31	29	28

5.

BOOK-A-181

Township 20 S. R. 16 W.

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36
57	48	45	43	41	39

6

BOOK-A-181

Township 20 S. R. 17 W.

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36
60	58	57	56	54	53

7

BOOK-A-181

Township

20 S. R. 18 W.

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36
68	67	66	64	63	62

8.

BOOK-A-181

Township 20 S. R. 19 W.

	120	48	116	114	112	104	
16	6	5	4	3	2	1	94
14	7	8	9	10	11	12	91
12	18	17	16	15	14	13	89
10	19	20	21	22	23	24	87
8	30	29	28	27	26	25	85
6							
4	31	32	33	34	35	36	83
2	77	76	74	73	72	70	

9.
BOOK-A-181

Township 20 S. R. 20 W.

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

79

NAMES AND DUTIES OF ASSISTANTS:

Hachach W. Richardson Compassman.

James H. Stewart Chainman.

Joseph F. Thompson Chainman.

Bridham J. Brown Chainman.

James F. Cylas Chainman.

Joseph R. Cylas Axeman.

David E. Crafts Axeman.

Flagman.

[PRELIMINARY OATH OF COMPASSMAN.]

I, Shadrach M. Richardson,

do solemnly swear that I will well and truly perform the duties of compassman, according to instructions given me, and to the best of my skill and ability, in the survey of the ~~4th~~ Standard Parallel South, through ranges 13, 14, 15, 16, 17, 18, 19 and 20 W. The exterior and subdivision lines of T. 15-18, and 19 S. R. 19 W., and the exterior and subdivision lines of T. 16 S. R. 18 W. and the exterior lines of T. 20 S. R. 19 W. & T. 19 S. R. 20 W. Snake Valley Guide Meridian & resurvey of 3rd Stand. Parallel South through Ranges 18 & 19 West, of the Salt Lake base and meridian in the Territory of Utah.

Shadrack M. Richardson
Compassman.

Subscribed and sworn to before me this 13th

day of January 1882

J. Miles
Notary Public

[2.—PRELIMINARY OATH OF CHAINMEN.]

17

We, James W. Stewart, Joseph F. Thompson
 and Brigham J. Brown and James Shyles
 do solemnly swear that we will well and faithfully execute the duties of chain carriers; that we will level the chain upon even and uneven ground and plumb the tally pins, either by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of the 4th Standard Parallel South, through ranges 13, 14, 15, 16, 17, 18, 19 and 20 W.

The exterior and Subdivision lines of T. 15, 18, and 19 S., R. 19 W., Ex. 6, Sub. Lines N. & S. R. 18 W., and the exterior lines of T. 20 S. R. 19 W. & 48 E.
 19 S. R. 20 W. Snake Valley Guide Meridian & resurvey of
 3rd Standard Parallel, South, through Ranges 18 & 19 W.

of the Salt Lake base and meridian in the Territory of Utah.

James W. Stewart, Chairman.
 Joseph F. Thompson, Chairman.
 Brigham J. Brown, Chairman.
 James Shyles, Chairman.

Subscribed and sworn to before me this 13th

day of January 1882

J. Shyles
 Notary Public

in
 idara
 Red S.
 watershed
 X 12
 f
 f
 il
 cor.
 rate

courses
 ins. 10
 rd
 N.

[3.-PRELIMINARY OATH OF AXEMEN.]

We, Joseph R. Gyles,
and D. David Crafts,
do solemnly swear that we will well and truly per-
form the duties of axemen, in the establishment
of corners and other duties, according to instruc-
tions given us, and to the best of our skill and
ability, in the survey of 4th Standard Parallel
South through ranges 13, 14, 15, 16, 17, 18, 19 and 20 W.
The exterior and subdivision lines of Tps. 15, 18, and
19 S. & 19 W. and the exterior and subdivision lines
of Tp. 16 S. R. 18 W. and the exterior lines of T. 20 S. R.
19 W. Tps. 18 & 19 S. R. 20 W. Snake Valley Guide
Meridian and resurvey of 3rd Standard
Parallel South Ranges 18 and 19 West.
of the Salt Lake base and meridian in the Terri-
tory of Utah.

Joseph R. Gyles, Axeman.
D. David Crafts, Axeman.

Subscribed and sworn to before me this 13th

day of January 1882

J. Gyles
Notary Public

Fourth Standard parallel South, Through R. 13 M.

hains

On the night of January 14th 1882 I took an observation on the star Polaris, in accordance with instructions contained in the manual of surveys, and drove pickets on the line thus established.

Survey commenced January 16th 1882. with a Burt's improved solar compass.

Before commencing this survey I test my compass on the line established on the night of the 14th giving latitude 30° 20' 18" for this date 1st inst. and find it to be correct.

I begin at the standard cor. to Tps 20 south, range 12 and 13 west, which is a blue lime stone 18X11 X10 ins. firmly set in the ground marked S. C. on N. and 6 notches on N. E. and S. W. edges, and piths N. E. and W. of stone 6 ft. dist. and

9x6 ins.

standard marked S.C.

1 notched

18X12

W. of base

1d cor.

2d rate

3d cor.

4d rate

5d cor.

6d cor.

7d cor.

8d cor.

9d cor.

10d cor.

11d cor.

12d cor.

16

Fourth Standard Parallel South, Through

Chains	mount of earth around stone. Hence I run West on a reservation line on S. boundary sec. 3 6
32.00	Va. 16° 30' E. Ascend through sage brush. Foot of bench course N.E.
33.00	Top of same about 20 ft. high.
40.00	Searched diligently, but could find no trace of old cor. Set a blue lime stone 24X12X6 ins. 18 ins. in ground, for Stan- dard 1/4 sec. cor. marked S.E. 1/4 on N face digging pits 18X18X12 ins E and W. of stone 5-1/2 ft dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. at base along slide.
58.00	A wash 3 ft deep 20 ft wide course S.E.
70.00	same wash course N.E.

Chains.

80.00

Set a limestone, 14x9x6 ins.
 Tins in ground, for standard
 Cor. to Secs. 35 and 36 marked S.C.
 with 5 notches on N. and notched
 on E. edges, dug pits 24x18x12
 ins lengthwise N.E. and W. of
 stone 2 ft. high, 4 $\frac{1}{2}$ ft. at base
 along side. No trace of old cor.
 Land gently rolling soil 2nd rate
 No timber.

West, on S. boundary sec. 35

Va. 16° 30' E.

Over level ground.

Wash 3 ft. deep 10 ft. wide course
 S.C. same crooked last mile

Set a granit stone 15x9x6 ins. 10
 ins. in ground for standard
 $\frac{1}{4}$ sec. cor. marked S.C. $\frac{1}{4}$ on N.

25.00

40.00

16

18

Fourth standard Parallel South Thru

6

Chains face dug pits 18x18x12 ins E & W
of stone 3 $\frac{1}{2}$ ft. dist and raised a
mound of earth 1 $\frac{1}{2}$ ft. high 3 $\frac{1}{2}$ ft. flat
base along side.

80.00 Set a gray lime stone 24x12x6 ins.

3

18 ins. In ground for standard cor.

3

to secs. 34 & 35 marked S.C. with
2 notches on E and 4 notches on W.
edges, dug pits 24x18x12 ins.

4

N. & E. of stone 6 ft. dist. and
raised a mound of earth 2 ft. high
4 $\frac{1}{2}$ ft. at base along side.

Land level soil 1 $\frac{1}{2}$ rate

No timber

5

West, on S. boundary sec. 34

Va 16° 30' S.

7

Over level bench

12.50 Wash 3 ft. deep 10 ft. wide

Range 13 West Salt Lake Meridian

With Thread

C & W.

a
flat

bins.

Cor.

with

on W.

s.

d

high

te

	Chains	coarse S. C.
	40.00	Set a lime stone 14 X 10 X 9 ins. 9 ins. in ground for standard cor. see. cor. marked $\frac{1}{4}$ S. C. on N. face; dug pits 18 X 18 X 12 ins. E. & W. of stone $5\frac{1}{2}$ ft. dist and raised a mound of earth $1\frac{1}{2}$ ft. high $4\frac{1}{2}$ ft. at base along side.
	49.00	same wash 3 ft. deep 10 lbs. wide course N. 20° E.
	80.00	Set a flint stone 15 X 10 X 6 ins. 10 ins. in ground for standard cor. to secs. 33 and 34, marked S. C. with 3 notches on E and W. edges; dug pits 24 X 18 X 12 ins. N. E. and W. of stone left. dist. and raised a mound of earth 2 ft. high $4\frac{1}{2}$ ft. at base along side Land level soil 1 st rate.

No. Timber

20

15

Fourth Standard Parallel South Through

Chains West, on S. boundary sec. 83

Va. 16° 30' E.

Over level bench.

28.00 Leave level bench at foot of mountain ascend

40.00 Set a blue lime stone 14X6X3 ins. 9 ins. in ground for standard & see cor; marked S. C. $\frac{1}{4}$ on N. face; dug pitts 18 X 18 X 12 ins. O. and W. of stone 5 ft. dist., and raised a mound of earth 1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ feet base along side.

54.00 Top of Antelope mountain, about 300 feet above bench course N. 35° W. and S. 35° descend

80.00 Set a gray limestone 14X8X8 ins. 9 ins. in ground, for standard cor. to secs. 82 and 83, marked S. C. with 4 notches E, and 2 notches W. ledges, and, raised a mound.

Chains of stones 2 ft. high, 14 ft. at base along side

Land high and mountainous soil 1st and 3rd rate mountain on 52 chs.

Weston S. boundary see 33.
Lat. 16° 30' E.

- Decend rolling mountain
Ravine about 150 ft. below ridge.
- Top of spur of ridge about 150 ft. above hollow course
S. decend over broken ridges
- Set a blue lime stone 15x12x7 ins. 10 ins. in ground for stand
ard & see. cor. marked S. C. 4
on N. face, and raised amount
of stone along side Pitts

Dr 22

17

Four the Standard Parallel both through
Chains impracticable.

80.00 Set a blue limestone, 15x12x3
ins. 10 ins in ground for stan-
dard cor. to sec. 31 and 32
marked S. & E. 5 notches E. and
1 notch W. edges and raised a
mound of stone along side.
Land rolling mountains.
Soil mixed with rock and gravel
 $\frac{1}{4}$ m. rate, mountain on 80. else.

West on S. boundary sec. 31

Va. $18^{\circ}30' E.$

Decend W. slope of mountain
4000 Set a gray limestone 18x6x4 ins.
12 ins. in ground, for standard
 $\frac{1}{4}$ sec. cor. marked S. & E. on N.
face, and raised a mound of stone
1 ft. high, $3\frac{1}{2}$ ft. base along side.

Range 13 West, Salt Lake Meridian

Chains pits impracticable
 63.00 Foot of mountain about 600 ft.
 below top, whence across Valley
 nearly level
 80.00 Set a blue limestone 15X12X3
 ins. 10 ins. in ground for Stan-
 dard Cor. to Tops 20 S. R.s.
 13 and 14 West, marked S.C.6
 notches N. E. and W. edges, dug
 pits 24X18X12 ins. lengthwise
 N. E. and west of stone 6 ft.
 dist and raised a mound
 of earth 2 ft. high 4 1/2 ft.
 base along side
 Land mixed with gravel
 and rock soil 2nd and 3rd
 rate mountain on 63 chains

1

24

19

Fourth Standard Parallel South, Through

Chain.

West on S. boundary sec 36

Va. 16^o 30' East

Across nearly level Valley
near head

6.00 Rocky wash 4 ft deep 200 ft.
wide course S.W.

40.00 Set a blue lime stone 15x12x6 ins
10 ins. in ground for standard
"4 sec. cor., marked S.C. "4 on N.
face, and raised a mound of
stone along side.

80.00 Set a blue lime stone 14x7x6 ins.
9 ins. in ground for standard cor.
to sec. 35 and 36, marked S.C.,
with 3 notches E. and 5 notches
W. Edges, and dug pits 24x18x
12 ins lengthwise N.E and W.
of stone 6 ft. dist., and raised a
mound of earth 2 ft high 4¹/₂ ft. base,
along side.

Ranged 1/4 West, Salt Lake Meridian.

Chains. Land nearly level Valley soil good
rate.

No timber

West, on S. boundary sec. 35-
Va. $16^{\circ}30' E.$

9.50 Wash 3 ft deep deep, 10 ft. wide
course N.W. in center of bare
valley same course

40.00 Set a blue lime stone 16 X 10 X 10 ins.
11 ins. in ground for standard $\frac{1}{4}$
sec. cor., marked S.C. $\frac{1}{4}$ on N. face;
dig pits 18 X 18 X 12, ins. E. and W.
of stone, 5 $\frac{1}{2}$ ft. dist., and raised
a mound of earth $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft base along side.

80.00 Set a blue lime stone 13 X 9 X 4
ins. 10 ins. in ground for standard
cor. to secs. $\frac{3}{4}$ and $\frac{3}{5}$, marked S.

1

26

Fourth Standard Parallel South Through

Chains C. 2 notches E. and 4 notches W. edges;
 dug pits. $24 \times 18 \times 12$ ins. lengthwise
 N.E. and W. 6 ft. from stone
 and raised a mound of earth 2 ft.
 high 4 $\frac{1}{2}$ ft. base along side
 Land level soil 2nd rate.

No timber

West, on S. boundary sec. 34

3 8.00 Top of mountain ascent N. $16^{\circ}30' E.$
 40.00 Set a blue lime stone $18 \times 8 \times 8$ ins.
 12 ins. in ground, for standard &
 sec. cor. marked S. c. $\frac{1}{4}$ on N.
 face; dug pits $18 \times 18 \times 12$ ins. N.
 E. and W. of stone 5 $\frac{1}{2}$ ft. dist., and
 raised a mound of earth $\frac{1}{2}$ ft.
 high 3 $\frac{1}{2}$ ft. base along side.
 47.00 Wash 3 ft deep 15 ft wide course off.
 59.00 Ascent steeper

Bangr 14 West, Salt Lake Meridian.

Chains

67.40

Ledge about 60 ft. high

58.00

Top of spur of mountain about
300 ft. above Valley course N.E.S.

62.00

Foot of ridge about 60 ft below
top, and across hollow

76.70

Leave flat and ascend ridge

79.80

Top of spur of ridge about 100 ft.
above flat hollow.

80.00

Set a blue limestone 2 4x12x10 ins.
18 ins. in a mound of stone on
a ledge for standard cor. to
secs. 33 and 34, marked S.C. with
3 notches on E. and W. Edges, and
raised a mound of stone along
side

Land rolling mountain ^{and} level Valley
Soil good and 4th rate

Mountain on 4th class.

280 ¹⁰
 South Standard Parallel South Through
 Chains. West, on S. boundary sec. 33. ^O
^{6.}
 Va $16^{\circ}30' E$

	Ascend broken rocky mountain
4.00	Foot of spur of ridge, about 40 ft below top and across flat hollow
13.50	Foot of ridge leave flat and ascend
20.00	Top of spur of ridge about 200 ft. above hollow, course S. descend
25.00	Foot of same about 100 ft. below top
40.00	Set a blue lime stone 14x12x4 ins. 9 ins. in ground for standard & sec. cor. marked, S.C. 1/4 on N. face and raised a mound of stone along side, on N. side of canon course S. E. and N. W.
45.00	Wash 4 ft. deep 40 ft. wide in canon S. E.
55.00	S. side of canon, ascend along N. slope

Through Range east 14 W. Salt Lake Meridian

Chains.

80.00

of broken ridges
 Set a blue lime stone 16 x 12 x 8 ins.
 11 ins. in ground, for standard
 Cov. to Secs 32 and 33, marked S.L.,
 2 notches W. and 4 notches E. edges.
 and raised a mound of stone along
 side.

Land rolling and rocky.
 Soil 4th rate.

Mountains on 80 chs.

West, on S. boundary Sec. 32.

Va. 16° 30' E.

Ascend over spurs of ridge.
 Top of spur of ridge about 40 ft.
 above sec. cov.

5.00

Bottom of ravine 20 ft below
 ridge course N.

21.00

Top of ridge about 150 ft above.

Slope

30

Fourth Standard Parallel South Through
Chains ravine course N.

- 26.00 Bottom of ravine about 30 ft below ridge Course N.
- 40.00 Set a blue lime stone $14 \times 8 \times 5$ ins.
9 ins. in ground for standard $\frac{1}{4}$
sec. cor., marked S.C. $\frac{1}{4}$ on N. face
and raised a mound of stone along
side.
- 57.00 Top of spur of rocky ridge, about
300 ft. above hollow course N.
- 57.00 Bottom of hollow or swale about
20 ft. below ridge Course N. and
ascend Main ridge
- 77.00 Top of rocky mountain about 1200
ft above canon course N. $20^{\circ} W.$
and $S. 20^{\circ} E.$, and descend
- 85.00 Set a blue ^{lime} stone, $18 \times 12 \times 5$ ins.
12 ins. in ground for stand-
ard cor. to Secs. 31 and 32, mark-
ed S.C. with 5 notches E. and 1

DE 31

Range 14 West Salt Lake Meridian.

Chains. notch W. edges, and raised a mound of stone 2 ft. high 4' ft. back along side pits impracticable
 Land rolling broken and rocky
 Soil 4th rate
 Mountain on S. exp.

West on S. boundary sec. 31.

Va. 16° 30' E.

Descend mountain

28.00 Foot of mountain course N. 35° W. and S. 25° E. about 500 ft. below top. and enter sage brush
 Set a blue lime stone, 16 X 8 X 3 ins. 11 ins in ground for stand-
 ard 1/4 sec. cor. marked S.C. 1/4
 on W. face and raised a mound
 of earth and stone along side
 Bottom of hollow 10 ft. deep

32

Fourth Standard Parallel South Through
Chains. course N. and enter scrub cedar.

80.00 Set a blue lime stone 30X12X8 ins. 22¹/₂
ins. in ground for standard cor. to
Tps. 20 S., R. 14 and 15 W., marked
S. C., with 6 notches N. E. and W.
edges, and raised a mound of
stone 2 ft. high 4' n. ft. along side
land rolling and nearly level
soil mixed with rock and gravel
2nd and 4th rate. mountain on
28. chs. undergrowth sage and mountain
rush on 52. chs. total undergrowth
and mountain 80. chs.

January 16th 1882

Range 15 West, Salt Lake Meridian

Chains.

West, on S. boundary sec. 36

Va. $16^{\circ}30' E.$ Ascend through sage brush
and scrub cedar

40.00

Set a blue lime stone 18x12x
10 ins. 12 ins. in ground for
standard $\frac{1}{4}$ sec. cor. marked
S. C. $\frac{1}{4}$ on N. face, and raised a
mound of stone $1\frac{1}{2}$ ft. high $3\frac{1}{2}$
ft base along side, at foot of
mountain. ascend

80.00

Set a blue lime stone 30x14x6
ins. $2\frac{1}{2}$ ins. in ground for
standard cor. to sec. 35 and 36;
marked S. C. with 5 notches E.
and 1 notch on W. edges, and rais-
ed a mound of stone 2 ft. high
 $4\frac{1}{2}$ ft. at base along side.Land E. in Valley soil 2nd rate
W. in mountain soil 4th rate

Fourth Standard Parallel South, Through
Chains. Undergrowth 40 chs mountain rocks
timber scrub cedar on 80 chs.

West, on S. boundary sec. 35-
Lat. $16^{\circ} 30' E.$

Ascend

- 12.00 Top of spur of rocky ridge about
1000 ft. above Valley course S. $60^{\circ} E.$
descend broken ledges.
- 20.00 Bottom of rocky gully about 60 ft.
below ridge
- 31.00 Top of rocky ridge about 100 ft
above gully
- 40.00 Set a blue lime stone, $36 \times 13 \times 8$ ins.
 27 ins ground for standard $\frac{1}{4}$ sec.
Cor. marked S.C. $\frac{1}{4}$ on N. face, from
which a nut pine 10 ins. diam.,
bears S. $60^{\circ} E.$ 25'-00s. dist. marked
S.C. $\frac{1}{4}$ S B.R.; A cedar 6 ins. diam,

Range 15 West, Salt Lake Meridian

Chains.	bears N. 60° E. 30 ft. dist., mark- ed S. C. "48. B. S.
45.00	Bottom of ravine about 600 ft. below top of mountain course A.
48.00	Top of sharp ridge about 80 ft. above hollow course A.
61.00	Bottom of ravine about 200 ft. below ridge course A.
71.00	Top of sharp rocky ridge about 150 ft. above ravine course A.
72.00	Bottom of ravine about 30 ft.
76.50	Top of ridge about 80 ft above ravine course A
80.00	Set a lime stone 18x8x8 ins. 1/2 in. in ground for standard cor. to Secs. 34 and 35, mark- ed S. C. with 2 notches E. and 4 notches on W. Edg. set and raised a mound of stone 2 ft high, 4" ft. base along side.

16

36^f

Fourth Standard Parallel South, Through
 Chains. Sand rocky broken mountain
 ridges & ravine. Soil 4th sdte
 Timber scrub cedar and Pin-
 ion Pine on so cha.

West, on S. boundary sec. 34.

Va. $16^{\circ}30' E.$

- | | |
|-------|--|
| 550. | Top of rocky ridge about 100 ft
above hollow course S. |
| 10,00 | Bottom of ravine about 30 ft
below ridge course S. |
| 18,00 | Top of ridge about 60 ft above
hollow or ravine course S. |
| 2600 | Bottom of ravine about 100 ft.
below ridge |
| 3300 | Bottom of ravine 15 ft deep |
| 40,00 | Set a blue lime ^{stone} 14 X 12 X 12 ins. 9
ins. in ground for standard
sec. cor. marked S.C. " on N. |

Range 15 West, Salt Lake Meridian	
High	Chalk
Tan	face, with a mound of stone along side
Red	Top of ridge about 100 ft above hollow course S.
Pine	Bottom of main canon about 50 ft below ridge, and ascend
10° E.	Top of precipitous ridge about 200 ft above main canon
soft	Bottom of main canon about 50 ft below ridge; Thence up canon
30 ft	Top of mountain divide bet. canons and highest point on line about 3000 ft above Valley course N.E. descend
area	
10 ft.	Set a blue lime stone 20x10x 8 ins. 15 ins in ground for standard cor. to Secs. 3 3 1/2 & 4 marked S. C. on N. with 3 notches on E. and W. edges from which A nail pine 8 in diam. bears d.
10	
3.9	
nd	
N.	

	38		
South Standard Parallel South Through Chains.			Range 1 Chains.
5-8° W. 10 mks. dist. marked; S. 21 S. R. 15 W. S. 3. B.T.			
A Cedar 4 ins. diam. bears N. 5° E. 15 mks. dist., marked T 20 S., R. 15 W., S. 34, B. T. A Cedar 7 ins diam. bears N. 85° W. 10 mks. dist., marked T. 20 S., R. 15 W. S. 33, B.T.			57.00
Land mountainous and rocky soil 4 th rate			
Timber Cedar and Pinon on 80. Chs.			70.00
			72.00
West, on S. boundary sec. 33 Va 16° 30' E.			78.50
Descend over broken ridges 2d through timber			80.00
40.00			
Set a blue lime stone 18x14x6 ins. 12 ins in ground for stand- and 4' sec. cor. marked S.C. 14 on N.			

Range 15 West, Salt Lake Abendians

Chains.

- face; from which a cedar 12
ins. diam. bears N. 13° E. 49 lbs.
dist., marked S.C. "4 S. B.T. Amut
Pine 12 ins. diam. bears S. 46° 4° E.
230 lbs. dist., marked S.C. "4 S. B.T.
Bottom of hollow about 300 ft
below top of mountain course
S. E. and N. W. about 15 chs. Then cut
into Bareaff Valley, ascend
Top of spur of rocky ridge about
100 ft above hollow course N.
72.00 Ledger of lime stone about 32 ft
high course N. E. & S. W. Lean timber.
Bottom of canyon about 60 ft below
ridge course N. E. to bareaff Valley.
80.00 Set a blue lime stone, 20 x 9 x 6 ins.
15 ins. in ground, for standard
Cor. to pics. 32 and 33, marked
S.C. on N. with 4 notches E and
2 notches W. edges, and raised

40

Fourth Standard Parallel South, Through
Chains. a mound of stone 2 ft high $\frac{4}{4}$ in. ft
at base along side

Land mountainous
soil mixed with rock and gravel
 4^{th} rate

Timber Cedar and nut Pine on
72 chs

Ke.
Ch.
41
80.

West, or S. boundary sec. 32.

Va. $16^{\circ} 30' N$

Ascend over ridges

4.00 Enter timber

4.000 Tops of ridge about 300 ft. above camp
on course S. $80^{\circ} W.$ and N. $80^{\circ} E.$

Set a blue lime stone $16 \times 8 \times 4$ ins.

11 ins in ground for standard $\frac{1}{4}$

sec. cor. marked S.C., $\frac{1}{4}$ on N. face

and raised a mound of stone along
ridge

4.

17.

21.

Range 15 West, Salt Lake Meridian

Challis

46.00

8000

Leave cedar timber course E & NW
 Set a blue lime stone, 14x10x9 ins. and
 in ground for standard cor. to lines
 31 and 32, S. C. on N. with 3 notches
 E and 1 notch W. edges; and raised
 a mound of stone along side
 Land mountainous
 soil mixed with rock 4th rate
 Timber cedar and nut pine on 42 ch.

West, on S. boundary Sec. 31

Va 16° 30' E

Over rolling mountain

Enter cedar and nut pine timber

Bottom of ravine about 200 ft
 below ridge course N.

21.50

Top of ridge about 100 ft above hollow
 course N.

Fourth Standard Parallel South Through
Chains.

Spring
Chains.

- 23.50 Bottom of ravine about 30 ft below ridge course N.
- 34.00 Top of ridge about 200 ft above hollow course N. & S.
- 40.00 A nut pine 10 in diam. marked if, for standard "4 sec. cor., S.C. 1/4 8 on N. face, from which a cedar 8 in. diam. bears N. 15° E. 13 lbs. dist. marked S.C. 1/4 S. B. P. A nut pine 12 in. diam., bears S. 75° W. 12 lbs. dist. marked S.C. 1/4 S. B. P.
- 55.50 Head of hollow course N. E. to Baraps Valley
- 61.50 Top of ridge water divide bet Baraps valley and Snake Valley course N. & S.
- 75.00 Grade course S. about 8 ch. thence S. W.
- 78.50 Top of spur of ridge course S.
- 8.00 Set a blue lime stone, 18x14x5 in., 12 in. in ground for standard cor.

Ranger 15 West, Salt Lake Meridian.

Chains.

to Twp. 20 S. R. 15 and 16 W., marked
S.C. on N., with 6 notches on N.
Ex and W. edges, from which,
A cedar 2 4 ins. diam. bears N. 65° E.
70 Mrs. dist. marked T. 20 S. R. 15 E.,
S. 31 B. T. A Nut pine 8 in diam.
bears N. 60° W. 120 Mrs. dist. marked
T. 20 S. R. 16 W. S. 36 B. T.

A Nut Pine 7 ins. diam bears S. 5° B°
W. 112 Mrs. dist. marked T. 21 S.
R. 16 W. S. 1 B. T.

Land rocky mountain
Soil 4th rate

Timber Cedar and nut pine on
75.20 chs.

Range
Chains

Fourth Standard Parallel South. Through
Chains. West, on S. boundary Sec. 36
Va. 16° 30' E.

Over rolling mountains, through
Timber

5.00	Head of hollow about 30 ft below ridge course S., and ascend	60.00
18.00	Leave cedar and nut pine timber course N. and S.	80.00
25.00	Top of straight or level mountain about 10 chs long, about 200 ft above hollow course N. 10° E & S. 10° W.	
40.00	Set a blue lime stone 14X12X12 in. 9 ins in ground for stan- dard "4 pic. cor., marked S. C. "4 on N face, and raised a mound of stone along side	
48.50	Bottom of hollow or head of cañon about 300 ft. below top of mountain course N. W. ^{N.} , enter nut pine & cedar timber course	

Range, 16 West, Salt Lake Meridian

Chains	N. & S.
55.00	Top of ridge about 60 ft. above cañon course N.W.
60.00	Bottom of hollow about 60 ft. below ridge course N.E.
80.00	Set a blue lime stone 14x14x10 in. 9 in. in ground for stan- dard cor. to sec. 35 and 36, marked S.C on N. With 1 notch on E. and 3 notches on W edges, fastened which a nut pine 8 in. diam. bears N. 30° E. 215 ft. dist. marked T. 20 S., R. 16 W., S. 36, B. T. A nut pine 9 in. diam. bears N. 53° W. 30 ft. dist. marked T. 20 S., R. 16 W., S. 35 B. T. A cedar 8 in. diam. bears S. 84° W. 30 ft. a nut marked T. 21 S., R. 16 W. S. 2 B. T.

Fourth Standard Parallel South Through Range

Chains.

Land high and mountainous
soil rocky, 4th rate.

Timber Cedar and nut pine on 49. rocks.

West on S. boundary sec. 35.
Va. 116°30' E.

2.00	Top of round Knoll, about 100 ft above canon, descend	40.50
10.50	A nut pine 18 ins. diam. in a hollow or canon about 80 ft below fine course N.W., Second	57.50
20.00	Ledgr of lime stone 5 ft high course N.W.	80.00
21.00	" " " 10 " " " "	12.00
22.00	" " " 20 " " " "	0.00
22.50	Top of ridge about 200 ft. above canon course N.W. & S. 35° E.	10.00
38.50	descend abruptly over ledges Rocky canon about 100 ft below upper course N.W.	10.00
40.00	A stationary blue lime stone 20 X 24 X 12 ins. above ground	0.00

Range 16 West, Salt Lake Meridian.

Shallow	Crop + on top for standard 1/4 sec. cor. marked S.C. 1/4 on N. face; from which A nut is. Pine 14 ins diam. bears S. $57^{\circ} E.$ 96 lls. dist. marked S. C. 1/4 S. B.T.; A nut Pine 10 ins. diam. bears N. $70^{\circ} E.$ 14 lls. dist. marked S. C. 1/4 S. B.T.	w.	th	t.	th	d.
40.50	Limestone ledge about 30 ft high course N. 80° W. and S. $80^{\circ} E.$					"
57.50	Top of spur of ridge about 100 ft above canon course N.W.					"
80.00	Sets a blue lime stone 2 4 X 16 X 12 ins. 18 ins. in a mound of stone on a ledge of blue limestone for standard cor. to sec. 34 th and 35; marked S. C. on N. with 2 notches E. and 4 notches W. ledges; and raised a mound on of stone along side.					"

48

Fourth Standard Parallel South Through
Chains Land high, rolling and rocky
Mountains Soil 4th rate
Timber Cedar and nut Pine on
80. chs.

Rough
Chains.

	West, on boundary sec. 34. Va. 16° 30' E.	50.00
2.00	Over broken ridges, through timber A ledge of lime stone 60 ft. to foot of same course S. 80° W. and N. 80° E.	63.52
2.800	Wash 3 ft. deep 50 Ms. wide in a canon about 2000 ft. below mountain course S. and ascend	69.00
26.65	A ledge of lime stone, about 150 ft. high course E. and W.	70.00
35.00	Top of mountain pass about 1500 ft above canon course N. & S.	77.50
40.00	Bit a blue lime stone 14 x 8 x 5	0.00

Rough 16 West, Salt Lake Meridian.

Chains.

- ins. 9 ins. in ground for standard & sec. cor. marked S.C. '14 ~~on~~ surface; from which is a nut Pine 10 ins. diam. bears S. 29° E. 63 lbs. dist., marked S.C. '14 S. B.T. A cedar 18 ins. diam. bears N. 82° W. 112 lbs. dist., marked S.C. '14 S. B.T.
- 58.00 Bottom of rocky gulch about 200 ft below ridge course E.
- 63.50 Top of spur of rocky ridge, about 100 ft. above hollow course S.E.
- 69.00 Descend ledge 20 ft. high course N.W. and S.E.
- 70.00 Bottom of hollow about 60 ft. below ridge course S.
- 77.50 Top of rocky ridge, about 100 ft. above hollow course S.
- 80.00 Set a blue lime stone 20x18x12 ins. 15 ins. in ground for stand-

<u>Fourth Standard Parallel South, Through Chains.</u>		<u>P. Range Chains.</u>
cov, to secs. 33 and 34, marked S. C. on N. face; with 3 notches on E. and W. edges; from which a Cedar 7 ms. diam. bears S. 70° E 60 Ms. dist., marked T. 21 S. R 16 W. S. 3 B. T. no other tree convenient to mark raised a mound of stone 2 ft high 4 $\frac{1}{2}$ ft. base along side.	15	19.00
Land high rolling rocky and mountainous.		21.75
soil, mixed with rock & gravel 4 th rate		34.00
Timber Cedar & Nut pine undergrowth with sage and mountain cushion 80 ch.		36.50
West, on S. boundary sec. 33. Via. 16° 30' E. Ascend broken ledges		40.00

02 51 3

Range 16° West, Salt Lake Meridian.

Chains

15	Bottom of rocky ravine about 30 ft below ridge course S.E.	th
19.00	Top of ridge about 200 ft above hollow course S.	th
21.75	Bottom of hollow about 30 ft. below ridge course S.	th
34.00	Top of ridge about 150 ft above hollow course S.	th
36.50	Bottom of hollow about 30 ft. below ridge course S.	th
47.00	Set a blue lime stone, 28x16x10 ins. 21 ins. in ground, for stan- dard "4" see cor. marked S.C. "4" on N. face; from which a Nut Pine 7 ins. diam., bears S. N. 60° W. 20 lks. dist; marked S.C. "4" S.B.T., A Cedar 2 4 ins. diam., bears S. 40° W. 61 lks. dist, marked S.C. "4" S.B.T.	th

B

Fourth Standard Parallel South Through
Chains.

Rang
e
Chains.

46.50	Top of mountain about 2000 ft. above Valley course N. & S. descend	
66.00	To top of ledge of lime stone about 200 ft to bottom of same course N. & S.	
68.00	Foot of ledge and enter cañon	
80.00	Set a blue lime stone 14X9X6 ins. 9 ins. in ground for standard cor. to secs. 32 and 33; marked S.C. on N. with 4 notches on E. and 2 notches on W. edges; from which a post nine 8 ins. in diam., bears N. 14° W. 100 Mrs. dist., marked S.C. T. 20 S. R. 16 W. S 32, B.T. A cedar 7 ins. diam., bears S. 40° W. 150 Mrs. dist., marked T. 21 S. R. 16 W., S. 5; B.T.; A cedar 6 ins. diam., bears S. 30° E. 161 Mrs. dist., marked T. 21 S. R. 16 W. S. 4 B.T. Land abrupt and rocky mountain soil 4 th rate.	5.00
		17.00
		36.00
		37.00
		40.00

Ranges 16 West, Salt Lake Meridian.

53

Chains: Timber Cedar and west Pine
on S. Chs.

West, on S. boundary L.R. 32.
Lat. $41^{\circ}30' E.$

Descend through cedars and
across canon

3.00 Wash 3 ft. deep 20 ft. wide
course N. W. in bottom of canon

17.00 S. side of canon, ascend

36.00 Top of rocky ridge course N. W.

37.00 Top of limestone ledge, about
80 ft. high course N. W. descend

40.00 ^{stone} blue limestone, $14 \times 12 \times 4$ in. 9 ins.
in ground for standard $\frac{1}{4}$ in. dia.
Cor. marked 8. C. $\frac{1}{4}$ on N. face

from
which a cedar 6 in diam.

		Range Chain
42.54	Fourth Standard Parallel South, Through Chains bears S. 10° E. 30 Ms. dist., mark- ed S. C. 44 S. B. T.; A Cedar 8 ms. diam. bears N. 45° W. 113 Ms. dist., marked S. No 4 S. B. T.	61.00
42.50	A ledge of lime stone about 175 ft. high, descend	87.00
43.00	Bottom of rocky gully about 300 ft. below ridge; leave cedar timber	
43.75	To ledge of lime stone about 200 ft. high course N. S. S. im- possible to chain further on line I therefore run ^{North} on offset line	
6.00	Chs. to point; Thence West.	
6.50	Chs. to point at foot of mountain Thence ^{South} .	
6.00	Chs. to line and W. side ^{Walling}	
60.25	To ^{top} cliff about 200 ft. high	
35.00	Foot of Mountain and	

Range 16 West, Salt Lake Meridian.

Chains. across gently rolling bench
 61.00 Wash 6 ft deep 50 ft wide course
 J.W.
 87.00 Set a blue lime stone 14x8x8 ins.
 Placed in ground for standard cor.
 to sec. 31 and 32, marked S.C.
 on N. face, with 5 notches on
 E. and 1 notch on W. edges, and
 raised a mound of stone 2 ft.
 high 4 $\frac{1}{2}$ ft. at base alongside.
 Land 65-5 chs. Mountain m.
 25 chs. bench
 Soil 3rd and 4th rate
 Timber Cedar and nut pine on
 43.50 chs. If first indications
 of silver along this line.

West, on S. boundary sec. 31.

Wa. 16° 30' E.

Descend rolling bench, through

156

	Fourth Standard Parallel South, Through Chains.	Range Chains
4.000	Lagr and Mountain ash bush. Set a blue lime stone 14x12x7 in. 9 ins. in ground for stand- ard 1/4 sec. cor. marked S.C. 1/4 on N. face, and raised a mound of stone along side	
65.00	Foot of mountain ascend	
76.00	Foot of ledges ascend, course N.W. and S.E.	
77.50	Slope of spur of ridge about 200 ft. above ft. course N. descend	
80.00	Set a blue lime stone 18x14x10. in. 12 ins in ground for stan- dard cor. to 1/4 sec. 20 S. R.R. 16 and 17 West, marked S.C. on N. with 6 notches on N.E. end raised a mound of stone 2 ft. high, 4 in. ft. base along side Land rolling and rocky, soil 3 rd and 4 th rates.	

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3

Range 16 West, Salt Lake Meridian

Chains

Mountain on 15. chains.

Undergrowth sage brush and
mountain rush on 80. chs.

January 17th 1882.

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58

Fourth Standard Parallel South Through Range
Chains. West, on S boundary Sec. 36.
Va. $76^{\circ} 30' E.$

	Over Mountain	
1.00	Hollow about 40 ft below ridge course N. E.	
13.00	Top of mountain about 300 ft. above valley course N. and S.	
35.00	Bottom of ravine drains N. 70° W.	
40.00	Set a blue lime stone 36x24x7 ins. 27 ins. in ground and mound of stone, for standard "4 per. cor. marked S. C. 1/4 on N. face; and raised a mound of stone along side.	
65.00	Foot of mountain course N. W. and S. E.	
80.00	Set a blue lime stone, 15x12x6 ins. 10 ins in ground for standard cor. to Secs. 35 and 36. Mark- ed S. C. on N. face; with	11.25 28.25 36.25 40.00

Range 17 West, Salt Lake Meridian

Shakes. 1 notch E. and 3 notches W. w.
 Edges dug pits 2 4x18x12 tch
 ins. N. E. and W. of door 6 ft. ins.
 dist. raised a mound of earth it.
 2 ft high 4 $\frac{1}{2}$ ft base along the ad.
 Land rocky mountain and beach
 Soil, 3rd and 4th rock.
 Mountain on S. S. Ch. undergrown
 the Mountain ash on 2nd chs.

West, on S. boundary Sec. 35-
 Va. 16° 30' E.

Over gently descending Valley
 and through brush

Wash 3 ft. deep 18 ft. wide course S 70° W.

" 3 ft " 15 " " 169 "

" 2 $\frac{1}{2}$ " 20 " " 70 "

40 00 Sit a charred cedar post 3 ft long

sh

?

202

60

56

800

Fourth Standard Parallel South Through
Chains. 3 ins. square 12 ins. in ground for
Standard "4, two cor. marked S.C. &
S. on N. face, dug pits 18x18x12
ins. E. & W. of Post 5¹/₂ ft. dist.,
and raised a mound of earth
1¹/₂ ft. high 3¹/₂ ft. base around
post

8000

Set a charred cedar post, 4 ft.
long 4 ins. square, 12 ins. in the
ground, for standard cor. to
Recs. 34 and 35, marked S.C.
T. 20 S. R. 17 W., on N.; S. 35
on E. and S. 34 on W. faces, with
2 notches E. and 4 notches on W.
faces, dug pits, 18x18x12 ins.,
N. E. and W. of post. 5¹/₂ ft. dist. 8000
and raised a mound of earth
2 ft. high, 4¹/₂ ft. base around
post.

Land nearly level Valley

Rang 17 West, Salt Lake Meridian

Chains. Soil, mixed with gravel 2nd rate w.
Undergrowth mountain rush and
Sage brush on s. o. chs.

West, on S. boundary sec. 34

Va. $16^{\circ} 30' E.$

4000

Over gently descending Valley
Set a charred cedar post 3 ft long
3 ins square 12 ins in ground for
standard $\frac{1}{4}$ sec. cor. marked s.e. $\frac{1}{4}$
S on N. face, dug pits 18X18X12
ins ~~in ground~~ of Post $\frac{1}{4}$ ft. dist.,
and raised a mound of earth $1\frac{1}{2}$ ft.
high $3\frac{1}{2}$ ft. ball around post

8000

Set a charred cedar post 4 ft.
long 4 ins square 12 ins in
ground, for standard cor. to secs
33 and 34 marked s.e. T. 20 S.
R. 17 W. on N.: 834 on E. and

37

Fourth Standard Parallel South Through Raw
Chains

S. S. 3 on N. faces, 3 matches low E +
W. faces, dug pits 18X18X12 ins. N.E.
and W. of post 5¹/₂ ft. apart, and raised
a mound of earth 2 ft. high 4¹/₂
ft base around post
Land descends gently to W.
Soil sandy & no slate.
No timber

West, on S. boundary sec. 33.
Va. 76° 30' E.

Over level valley
Set a charred cedar post 3 ft.
long 3 ins. diam. 12 ins. in ground
for standard 1/4 sec. cor. marked
S.C. 44 S. on N. face, dug pits 18X
18X12 ins. E & W. of post 5¹/₂ ft. apart,
and raised a mound of earth 1¹/₂
ft high 3¹/₂ ft base around post.

Range 17 West, Salt Lake Meridian

Chains

80.00

Set a charred cedar post 4 ft.
long 4 ins. square for standard
cor. to Secs. 32 and 33 marked
S.C.T. 20 S.R. 17 W. on N; S. 33
on E. and S. 32 on W. faces with
4 notches on E. and 2 notches on
W. faces; dug pitto 18x18x12 ins
N. E. and W. of post 5¹/₂ ft. dist., and
raised a mound of earth 2 ft. high
4¹/₂ ft. base around post

Land level.

Soil sandy moderate

No timber

West, on S. boundary sec. 32

Va. 16°30' E.

40.00 Set a charred cedar post, 3 ft.
long 3 ins. square, 12 ins. in

64

S. P.

Fourth Standard Parallel South. Through
Chains

Ran

Chain

ground for standard 44 feet cov.
marked S. C. 44 S. on N. face, dug
pits 18 X 18 X 12 ins. E. & W. of post 5 $\frac{1}{2}$
ft. dist., and raised a mound of earth
1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base around post.

40.

80.00 Set a charred cedar post, 4 ft.
long 4 ins. square 12 ins. into the
ground, for standard cov. to recs.
31 and 32, marked S. C. T. 20 S.
R. 17 W. on N. S. 32 on E. and S. 31
on W. faces, with 2 notches on
E. and 1 notch on W. faces, dug
pits, 18 X 18 X 12 ins. N. E. and W.
of Post. 5 $\frac{1}{2}$ ft. dist., and raised a
mound of earth 2 high 4 $\frac{1}{2}$ ft base
around post.

80.00

Land level Valley
soil sandy and slate.
No timber.

1865

3

Ridge 17 West, Salt Lake Meridian.

	Chains.	West, or S. boundary sec. 31. Lat. $40^{\circ}30' E.$
4000		Set a charred cedar post 3 ft. long 3 ins. square, 12 ins. in ground for standard $\frac{1}{4}$ sec. cor. marked S. C. $\frac{1}{4}$ S on N. face, dug pitts 18x18x12 ins., E. & W. of post $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft base around post.
8000		Set a charred cedar post, $4\frac{1}{2}$ ft. long, 4 ins. square, 12 ins. in ground for standard corner to Tps. 20 S. R. 17 and 18 West, marked S. C., T. 20 S. on N.; R. 17 W. S. 31 on E. of R. 18 W. S. 36 on W. faces; with 6 notches on N., E., and W. faces; dug pittd 20x18x12 ins. crosswise on each line, N. E. & W. of post, 6 ft. dist. and raised a mound of earth $2\frac{1}{2}$ ft. high, 6 ft. at base, around

Fourth Standard Parallel South Through
Chains Post. Land level valley
soil, clay mixed with gravel
 3^{rd} rate
No timber

40.

On the night of January 17th
1882, I took an observation
on the star Polaris, in accordance
with instructions contained
in the Manual of Survey, and
drove pickets on the line thus
established.

Survey commenced January 18th 80.0
1882, with a Burt's improved
polar compass.

before commencing this survey I
test my compass on the line
established last night, and find it

Augt. 18 West Salt Lake Meridian

Shawn. correct

vil

West. on S. boundary Sec. 36.

Va. $16^{\circ}30' E.$

Over level valley

Set a charred cedar post 4 ft. long 4 ins square 1 ft. in ground for standard $\frac{1}{4}$ sec. cor. marked S.C. $\frac{1}{4}$ S. on N. face, dug pits $18 \times 18 \times 12$ ins. E. and W. of post, $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft high, $4\frac{1}{2}$ ft. base, around post

8th 80.00 Set a charred cedar post 4 ft. long, 4 ins. square, 12 ins. in ground, for standard cor. to Secs. 35 and 36, marked S.C. T. 20 S. R. 18 W., on N.; S. 36 on E. and S. 35 on W. faces, with

C.C.

Fourth Standard Parallel South Through
Chains. I noted E. and S. notches W. faces, dug
pits, 18x18x12 ins., N. E. and W. of post,
 $5\frac{1}{2}$ ft. dist. and raised a mound
of earth 2 ft high $4\frac{1}{2}$ ft. base round
post. Land level Valley.
Soil clay and gravel 3^d rate
No timber

Aug
Chains 80.00

West, on S. boundary sec. 35-
Va $16^{\circ}35' E.$

Over level valley

25.00	Enter grasswood brush come N.W.
40.00	Set a charred cedar post 3 ft long 3 ins. square 12 ins. in ground for standard 1/4 sec. Cor., marked S.C. 1/4 S. on N. face, dug pits 18x18x12 ins. E. and W. of post, $5\frac{1}{2}$ ft. dist. and rais a mound of earth 1 $\frac{1}{2}$ ft. high

\$1.00

Ranqr 18 West, Salt Lake Meridian.

Chains

80.00

3 $\frac{1}{2}$ ft. base around post.

Set a charred cedar post 4 ft.

Long 4 ins. square, 12 ins. in ground, for standard cor. to sec.

34 and 35, marked S. C. T. 20 S. R

18 W. on N; S. 35 on E. and S. 34

on W. faces, with 2 notches E. and

4 notches W. faces, dug pits 18x18

x12 ins. N, E and W of post 3 $\frac{1}{2}$ ft

dirt and raised a mound of

Earth 2 ft high, 4 $\frac{1}{2}$ ft base ar-

ound post.

Sand level,

Soil mixed with gravel 2nd rate d.

Undergrowth grasswood on ~~\$5~~ class

West, on S. boundary sec. 34.

Lat. $41^{\circ} 30' E.$

Set a charred cedar post 3 ft.

679

	Bam Chains
Fourth Standard Parallel South, Through 6 Chains.	
Long 3 ins diam. with mark 12 in ground for standard 4 ft. Cor. marked S. C. 48 on N. face, dug pits 18X18X12 ins. E. and W. of post 5 ¹ / ₂ ft dist. and raised a mound of earth 1 ¹ / ₂ ft. high, 3 ¹ / ₂ ft. base around post.	#1
8.00	
Set a charred cedar post 4 ft long 4 ins square 12 ins in ground, for Standard Cor. to lines 33 and 34, marked S. C. T. 20.8. R. 18 W., on N. S. 34 on E. and S. 33 on W. faces, with 3 notches E and W faces. dug pits, 18X18X12 ins. N. E. and W. of post. 5 ¹ / ₂ ft. dist. and raised a mound of earth 2 ft. high 4 ¹ / ₂ ft. base around post. Land level,	8.00
Soil 2nd rate	
Undergrowth Greenwood on 80. etc.	

Range, 18 West Salt Lake Meridian

71

Chains West, on S. boundary sec. 33.

Ba. N. 6° 30' East

46 Over level Valley through
greenwood brush40.00 Set a charred cedar post 3
ft. long & 3 ins. square, 12
ins. in ground, for standard &
sec. cor., marked S.C. 4 S on N.
face, dug pits 18X18X12 ins. E.
and W. of post 5 $\frac{1}{2}$ ft. dist., raised
a mound of earth 1 $\frac{1}{2}$ ft. high 3 $\frac{1}{2}$ ft.
base around post80.00 Set a charred cedar post 4 ft.
long 4 ins. square 12 ins. in ground,
for standard cor. to secs. 3 31 and 33.
Marked S.C. T. 20 S. R. 18 W. on N.
with 4 notches E. and 2 notches W. faces
S. 33 on E. and S. 32 on W. faces,
dug pits 18X18X12 ins. N. E. and W.
of post 5 $\frac{1}{2}$ ft. dist. and raised a
mound of earth 2 ft. high 4 $\frac{1}{2}$ ft. base

72
Fourth Standard Parallel South Through
Chains around post.

Land level, soil 2nd rate.
Undergrowth grasswoodbushon 80.00

Ream
Chains

West, on S. boundary Sec. 32.

Va. $16^{\circ}30' E$

Over level Valley, through brush
Set a charred cedar post, 3 ft. long
3 ins. square, 12 ins. in ground for
standard 4 sec. cor. marker.

"4 S. on N. face, dug pits 18 x 1
12 ins. E. and W. of post. 5¹/₂ ft..

Raised a mound of ea
1¹/₂ ft. high 3¹/₂ ft. at base around
Post.

80.00 Set a charred cedar post 4 ft. long
4 ins. square, 12 ins. in ground
for standard cor. to sec. 31 & 32
marked S. C. T. 20 S. R. 18 W. on

40.00

Rough 18 West Salt Lake Meridian.

Chains.

N. face I. 32 on E. and S. 31 on W.
faces, with 5 notches E. and 1 notch
W. faces. dug pits 18 X 18 X 12 ins.
N. E. and W. of post, 5¹/₂ ft. dist.,
and raised a mound of earth
2 ft. high 4¹/₂ ft. base, around
post.

Land level

Soil loam 1st rate

Undergrowth greenwood on
80 chs. January 18th 1882

West on S. boundary Rec. 31
Va. 16° 30' E.

Over level valley through brush
4000 feet a charred cedar post 3 ft.
long 3 ins. square 12 ins. in
ground for standard "4 Rec. cor.
marked S. C. 4 S. on N. face.

714
C Fourth Standard Parallel South Through
Chains. dug pits 18x18x12 ins. E. and W.
of post 5 $\frac{1}{2}$ ft. dist. and raised a
mound of earth 1 $\frac{1}{2}$ ft. high 3 $\frac{1}{2}$ ft.
base around post.

8000 Set a charred cedar post, 4 $\frac{1}{2}$
ft. long 4 ins. square, 12 ins. in
ground for standard cor.
to Pps 20 S. R. 18 and 19 W.,
marked S. C. T. 20 S. on N.; R. 18
W. S. 31 on E. and R. 19 W. S. 36
on W. faces, with 6 notches on
N. E. and W. faces, dug pits, 24
x 18x12 ins. clockwise on each line,
N. E. & W. of Post, 6 ft. dist. and
raised a mound of earth 2 $\frac{1}{2}$ ft.
high, 5 ft. base, around post.
and level

Soil, first rate

Undergrowth greenwood on
S. O. chs.

40.

Range 19 West, Salt Lake Meridian, 18

Chains

On the night of January 26,
1882, I took an observation on
the star Polaris, in accordance
with the manual of surveys and
drove stakes on the line thus
established

Survey commenced January 27,
1882, with a Burt's improved
solar compass.

Before commencing this sur-
vey I test my compass on the
line established last night and
find it correct.

West on S. boundary line. 36.

Va. $16^{\circ} 30' E.$

Over level Valley through brush
40.00 Set a charred Cedar post 3 ft.
long 3 ins. square, 12 ins. in
ground for standard "4 per.

76

G, Fourth Standard Parallel South, through
C Chains. $\frac{1}{4}$ sec. cor. marked S.C. 64 3 on
N. face, dug pits $18 \times 18 \times 12$ ins.
E. and W. of post $5\frac{1}{2}$ ft. dist. and
raised a mound of earth $1\frac{1}{2}$ ft.
high $4\frac{1}{2}$ ft. base around post.
Set a charred cedar post 4 ft.
long 4 ins. square, 12 ins. in ground
for standard cor. to sec. 35rd
36. marked S.C. T. 30 S.R. 19 W.
W.N. S. 36 on E. and S. 35 on
W. faces. with 1 notch on E. and
5 notches on W. faces, with pits
 $18 \times 18 \times 12$ ins. N.E. and W. of post.
 $5\frac{1}{2}$ ft. dist. and raised a mound
of earth 2 ft. high $4\frac{1}{2}$ ft. base
around post.

8
Land level; soil 1st rate
Undergrowth green woods on rocks.

Ranger 19 West. Salt Lake Indian

Chains. West, on S. boundary line. 35
Va. $16^{\circ}30' E.$

40.00	Over level valley through brush Set a charred cedar post 3 ft long 3 ins. square, 12 ins. in ground for standard 4'4 inc. cov. marked S.C. 1/4 S. on N. face, dug pits 18X18X12 ins E. and W. of post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base around post.
80.00	Set a charred cedar post 4 ft. long 4 ins. square, 12 ins in ground for standard cov. to posts 3 1/2 ft. 3 1/2 marked S.C. T. 20 S. R. 19 W. on N. S. 3 1/2 on E. and S 3 1/2 on W. faces, with 2 notches E. and 4 notches W. faces; with pits 18X18 X12 ins. N. E. & W. of post 5 1/2 ft. dist. and raised a mound

78

Fourth Standard Parallel South, S.
Chains of earth 3 ft. high 4 $\frac{1}{2}$ ft base
around post.

Land level, soil good granite
Undergrowth grass wood on so. chs.

- West, on S. boundary set 34
Va. $16^{\circ} 30' E.$
- Over level land, and through grass wood
Set a charred cedar post 3 ft long
3 ins. square, 12 ins. in ground
for Standard $\frac{1}{4}$ sec. marked S.C.
 $\frac{1}{4}$ S. on N. face, " " " " " " " "
pits 18X18X12 ins. E. & W. of post
 $\frac{1}{2}$ ft. dist. and raised a mound
of earth $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ ft. at base
around post.
- 40.00 A wash 12 in deep 4 lks. wide
course N.
- 41.00 Set a charred cedar post 4 ft long 4
- 80.00

Through Ranges 19 W. S. L. Meridian

Chained 4 ins. square, 1/2 ins. in ground
for standard cov. to Secs. 33 & 34,
marked S. C. T. 20 S. R. 19 W.
on N.; S. 34 on E.; and S. 33
on W. faces, with 3 notches on
E. and W. faces, with pitto 18X18X
12 ins. N. E. and W. of post, 5 $\frac{1}{2}$
ft. dist., and raised a mound of
earth 2 ft. high 4 $\frac{1}{2}$ ft. base
around post
Land level, soil moderate.
Undergrowth greasewood on 80 chs.

West, on S. boundary Sec. 33
Va. 16° 28' E.

Over level Valley, through greas-
ewood.

Leave greasewood course N. ~~W.~~

Set a chained cedar post 3 ft. long

20.00

40.00

long

South Standard Parallel South Through

- Chain 3 ins. square, 12 ins. in ground for standard 4⁴ sec. cor. marked S.C. 44 S. on N. face, dug pits 18X18X12 ins. E. and W. of post 5¹/₂ ft. dist. and raised a mound of earth 1¹/₂ ft. high 3¹/₂ ft. base around post.
- 80.00 Set a charred Cedar post 4 ft. long 4 ins. square, 12 ins. in ground for standard cor. to sec. 32 and 33. Marked S.C. T. 20 S. R. 19 W. on N. S. 33 on E. and S 32 on W. faces, with 4 notches E. and 2 notches on W. faces, with pits 18X18X12 ins. N. E. and W. of post 5¹/₂ ft. dist. and raised a mound of earth 2 ft. high 4¹/₂ ft. base, around post. Land level. Soil 2nd rate. Greenwood on 20. Ch.

Range 19 West, Salt Lake Meridian

Chalus

West, on S. boundary Sec. 32

Ra. 16° 22' East.

Over level Valley

Wash 2 ft. deep, 4 ft. wide
course N.Set a charred cedar post 3 ft. long
3 ins. square, 12 ins. in ground
for standard "4 sec. cor., marked
S.C. 1/4 S. on N. face, dug pitto
16X18X12 ins. E. and W. of post 5 $\frac{1}{2}$
ft. apart, and raised a mound
of earth 1 $\frac{1}{2}$ ft. high 3 $\frac{1}{2}$ ft.
back around post.Set a charred cedar post 4 ft.
long 4 ins. square, 12 ins. in
ground for standard C.P.X. to
secs. 31 and 32, marked S.C. T. 20
S.R. 19 W. on N. S. 32 on E. and
S. 31 on W. faces, with 5 notches
on E. and 1 notch on w. faces. dug

11.90

40.00

88.00

82

Fourth Standard Parallel South Through

Chain.

Miffs 18X18X12 ins. N. E. and W.

of post, and raised a mound of
earth 2 ft. high 4ⁱⁿ. ft. base around
post.Good level, soil 2nd rate
no timberRang
Chain

80.00

Meet. on S. boundary Dec. 3rd.

Va. 16°30' E

Over level Valley, through brush

Old road. Course N. 20° E and
S. 20° W.Set a charred cedar post 3 ft. long
3 ins. square 1/2 ins. in ground for
standard 4ⁱⁿ. inc. cor. marked S. C.
1/4 S. on N. face, dug miffs 18X18X
12 ins. E. and W. of post, and
raised a mound of earth 1ⁱⁿ. ft
high 4ⁱⁿ. ft. base around post

Range 19 West, Salt Lake Meridian

83

Chains

80.00

Set a charred cedar post 4 $\frac{1}{2}$ ft.
 long 4 ins. square, 1/2 ins. in
 glomed for standard cor. to
Sections 20 S. R. 19 and 20 W.
 marked S. C T. 20 S on N; R 19 W S. 31
 on E; and R 20. W. S. 36 on W. face
 with 6 notches on N. E. and W. faces,
 dug pits 2 4X18X12 ins. cross-
 wise on each line. N. E. & W. of
 Post, 6 ft. dist. and raised a
 mound of earth 2 $\frac{1}{2}$ ft. high, 5
 ft. base around post.
 Land Level Soil 1st rake

81.

South Standard Parallel South, Through

Ran

Chains

West on S. boundary sec. 36

Over level lava through greasewood brush

14.50

~~I spot long ridge course N.W.
and S.E.~~

140.00

Set a charred cedar post 3 ft
long 3 ins. square, 12 ins. in
ground for standard $\frac{1}{4}$ sec. cor.
Marked S.C. $\frac{1}{4}$ S. on N. face, dug
pits $1\frac{1}{2} \times 4\frac{1}{2} \times 1\frac{1}{2}$ ins. E. and W. of
post 5^{1/2} ft. dist. and raised a
mound of earth 1^{1/2} ft. high 3^{1/2} ft.
at base around post.

45.82

Intersect the boundary line bet-
ween Utah and Nevada North
66.00 chains from 159st mile
corner on boundary which
is a mound of earth 2^{1/2} ft.
high 5 ft. at base, and a balsam
post 5 ft. long 3 ins square, mark-

Ridge 20 West, Salt Lake Mountain

at L.W. 37 N. Utah East
No 161 S. and Nevada West
faces. Re-set fence. in mound
and at point of intersection
Put a ~~barbed~~ post. 4 ft. long
4 ins. square 12 ins. in ground
for standard closing corner to
sec 36. Marked S.C.C. T. 20 S. R.
20 W. on N. Utah S. 36 on E. end
Nevada on W. faces, dug pits
N. and E. 24x24x12 ins. E. and
N. of post 5ⁱⁿ ft. dist. and
raised a mound of earth 2 ft
high ~~as~~ ft. less around post.
Land level. Soil 2nd rate
undergrowth greasewood 45.82 lbs.

January 19th 1882.

General Description

The land North and South of this line consists of Valleys, benches and Mountains, all covered with grass and white sage good for grazing. There is timber in the canons of the higher ranges of mountains, and indications of minerals in places. It can all be subdivided.

Andrew Stewart Jr
W.S. Deputy Surveyor

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, July 22nd 1882

The foregoing field notes of the survey of the

Fourth Thousand Parallel
South.

Township No. Range No. 13. 14. 15. 16. 17. 18.
of the Salt Lake Meridian, Utah Territory,
Executed by Andrew J. Stewart Jr.
Under his contract No. 103
of the 16th day of June 1881,
in the month of January 1882,
having been critically examined, the necessary
corrections and explanations made, the said
field notes, and the surveys they describe are
hereby approved.

W. F. Salter
U. S. Surveyor General for Utah.

REPORT: 1883

88

J. 19 W.

Filed..... 188

Examined by John O'Conor

Compared by G. Schubbe & E. Salomon

FIELD NOTES
OF THE SURVEY OF THE

North East & West
Boundaries.

Township No. 20 South
Range No. 19 West.

OF THE
SALT LAKE MERIDIAN
IN
UTAH TERRITORY,

AS SURVEYED BY

Andrew J. Stewart.

U. S. Deputy Surveyor,

Under his Contract No. 108

Dated June 15th 1884.

Survey commenced January 20th 1882

/Survey completed Jan 21st 1882

AMES AND DUTIES OF ASSISTANTS:

89. Asaphad M. Richardson Compassman
James W. Stewart Chainman.
Joseph F. Thompson Chainman.
Bryce and A. Brown Chainman.
James F. Cylia Chainman.
Joseph R. Cylia Axeman.
David L. Crafts Axeman.
Flagman.

East Boundary Tp 20 S. R. 19 W.

On the night of January 19th 1882 I took an observation on the star Polaris in accordance with instructions contained in the Manual of Surveys, and drove pickets on the line thus established. Survey commenced January 20th 1882 with a Burt's improved solar compass manufactured by H. and L. C. Gurley.

Before commencing this survey, I test my compass on the line established last night, and find it correct.

I begin at the standard cor. to Tps. 20 S. R. 18 and 19 W. which is a charged

91 Extentors T. 20^B S. R. 19 H.
East Boundary

Chains	Cedar post 4 $\frac{1}{2}$ ft. long and 4 $\frac{1}{2}$ ins square, firmly set in the ground, marked S. C. T. 20 S. on N. R. 18 H. S. 31 on E. and R 19 H. S. 36 on W. faces) with 6 notches on N. E. and W. faces, with pits 24 X 18 X 12 ins. crosswise on each line N. E. and W. of Post, 6 ft. dist, and a mound of earth 2 $\frac{1}{2}$ ft. high, 5 ft. base, around post. Thinner down North bat. Nos. 31 and 36 Var. 16° 20' E.	ham S.C.O.
4600	Deposit a quart of charcoal 12 ins. in the ground for $\frac{1}{4}$ sec. cor. lug pits 18 X 18 X 12 ins	

Salt Lake Meridian,
East Boundary

- Chains N. and S. of cor. 5 $\frac{1}{2}$ ft dist.
and raised a mound
of earth 1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft.
base, over it. In N. pit,
drove a stake 2 ft. long
2 ins square, 12 ins in
the ground, marked $\frac{1}{4}$
S. on N. face
- 8c. 00 Deposited a quart of char-
coal 1 $\frac{1}{2}$ ins in the ground,
for cor. to Secs. 25, 30, 31
and 36, dug pits 18 X 18 X 12
ins. in each sec. 5 $\frac{1}{2}$ ft.
dist. and raised a
mound of earth 2 ft. high
1 $\frac{1}{2}$ ft base, over it. In
S. E. pit drove stake 2 ft.
long 2 ins. square, 12 ins
in the ground, marked
T. 20 S. 30 on N. E. R.
18 H. S. 31 S. E. R. 19 $\frac{1}{2}$

86-87
B0

Exterior T 20 S. R. 19 St.
East Boundary

chains	S. 36 on S. W. and S. 25 on N. W. faces, with 1 notches Sand 5 notches N. edges Sand, level Soil, clay 2 nd rate Greasewood on S. chains	chain 80.0
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North bet. sec. 25 and 30
Var 16° 20' E.

38.00 Wash, 3 ft. dep 15 ft. wide
course N. 20° St.

40.00 Deposited a quart of charcoal
12 in. in the ground, for
 $\frac{1}{4}$ sec. cor. dug pits 18x18x12
in. N. and S. If cor. 5 $\frac{1}{2}$ ft.
dust, and raised around
of earth 1 $\frac{1}{2}$ ft. high 3 $\frac{1}{2}$ ft.
base, over it. In N. pit

Salt Lake Meridian
East Boundary

chains drove a stake 2 ft. long
 2 ins square 12 ins. in the
 ground, marked $\frac{1}{4}$ S. on
 N. face

80.00 Deposited a quart of char-
 coal 12 ins. in the ground,
 for cor. to secs. 19, 24, 25
 and 30 dug pits 18x18x12
 ins. in each sec., 5 $\frac{1}{2}$ ft.
 dist. and raised a mound
 of earth 2 ft. high 4 $\frac{1}{2}$ ft.
 base, over it. In S. E.
 pit drove staked 2 ft. long
 2 ins. square 12 ins. in the
 ground, marked

Y. 20 S. S. 19 on N. E.

R. 18 W. S. 30 on S. E.

R. 19 W. S. 25 on S. W. and
 S. 24 on N. W. faces, with
 2 notches S. and 4 notches
 N edges

85

100

Exteriors T. 29 S. R. 19 M.
East Boundary

Chains	Land, level Soil, clay 2 nd rate Undergrowth of grasswood on 80 chains.	Chains 80.0
	North bat. secs. 18 and 24 Va $16^{\circ} 26' E$ Over level land through grasswood	
40.00	Deposited a quart of charcoal 12 ins in the ground, for 1/4 sec cor. day pits 18 X 18 X 12 ins N. and S. of cor. 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft. bases varit. In N. pit drove a stake 2 ft. long	

Salt Lake Meridian
Survey Boundary

Chains	2 mrs. square 12 mrs. in the ground, marked $\frac{1}{4}$ S. on N. face.
80.00	Deposited a quart of charcoal 12 mrs. in the ground, for cor. to sec.
	13, 18, 19 and 24, dug pits 18 X 18 X 12 mrs. in each sec., 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high, 4 $\frac{1}{2}$ ft. base, over it. In S. E. pit snow stake 2 ft. long 2 mrs. square 12 mrs. in the ground, marked
	T. 20 S. 5° 18' W. N. E.
	R. 18 N. S. 19 on S. E.
	R. 19 N. S. 24 on S. W.
	S. 13 on N. W. faces,
	marked with 3 notches on N. and S. edges

97

89

Exteriors T²⁰ S.R. 19 St.
Over Boundary

- | | |
|---|----------|
| Chains Land, level
Soil, 2 nd rate
Grasswood on 80 chains | Cho
6 |
| North bat. secs. 13 and 18.
Var $16^{\circ} 20' E.$ | 50. |
| 28.81 Wash 4 ft. deep 18 ft. wide
course N. W. | |
| 400° Deposited a quart of charcoal
12 in. in the ground, for
$\frac{1}{4}$ sec. cor. dry pits 18x18x12
in. N. and S. of cor. 5 $\frac{1}{2}$ ft.
dist. and raised a mound
of earth 1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ ft.
base over it. In N. pit
drove a stake 2 ft long
2 in. square 12 in. in the
ground, marked N. on
Sand H. face | |

Chains	
66.50	Leave Valley and ascend steep rolling bank course N. W. and S. E.
50.00	Dug a quart of charcoal 15 ins in the ground, for cor. to sec.
7.12, 13 and 18	dug pits 18 X 18 X 12 ins. in each sec. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base over it. In S. E. pit drove stake 2 ft long 2 ins square 2 ins in the ground, marked
	T. 20 S. 87° on N. E. R. 18 W. S. 188° E. R. 19 W. S. 13 S. H. and S. 12 N. H. faces, with 4 notches S. and 2 notches

99 Exteriors T. 2 S. R. 19 H.
W.M.T. Boundary

Chains N. edges	Chains
Land, S. 66.50 chains level N. 13.50 chains gently rolling bunch Soil clay 2 nd rail Undergrowth of greasewood on 80 chains.	45.
	68.7
North bet. Secs. 7 and 12, Ra 16° 26' E.	
Descend a gently sloping bank through greasewood	43.0
Deposit a quart of charcoal 12 in. into ground for 1/4 sec. cor. dry pits 18 x 18 x 12 in. N. and S. of cor. 5 1/2 ft. dust and make a mound of earth 1 1/2 ft high 3 1/2 ft.	50.0
4000	

Salt Lake Meridian.
East Boundary 100

chains	base, over it. In N. pit drove a stake 2 ft. long 2 ins square 12 ins in the ground, marked $\frac{1}{4}$ on S. or E. face, from which the old Ferguson Ranch house bears S. 88° W.
45.00	Leave grassward crossed N. H. and S. E.
68.73	Flat. 14 ft. deep rocks wide crossed N. and descended point of ridge
75.00	Top of ridge about 130 ft. above valley, and descended foot of ridge
80.00	Detected a quart of charcoal 12 ins in the ground, for cor. to secs. 1, 6, 7 and 12. Dug pits 14x18x12 ins in each sec. 5 $\frac{1}{2}$ ft. dist. and passed

101

III

Interior T. 25 S. R. 19th.
Part Boundary

Chains	a mound of earth 2 ft. high $4\frac{1}{2}$ ft. base, over it. On S. E. pit drove stake 2 ft. long 2 ins square 12 ins in the ground, marked T. 25 S. 6 on N. E. A. 18 ft. S. 7 on S. E. R. 19 W. S. 12 on S. W. and S. 1 on N. W. faces, with 5 notches S and 1 notch N. edges Sand, quite rolling bunch Soil, 2nd rate Mesquino now 445 chains Ferguson's Ranch bears S. 78° W. H. S. Conger's House bears N. $50^{\circ}30' W.$ Heavy stock bears N $52^{\circ} W.$	Chas 31. 40
--------	---	-------------------

Chains	North bat. Sec. 1 and 6 Va $16^{\circ} 20' E.$
31.50	Point of ridge N. Deposited a quart of charcoal 12 ins in the ground, for $\frac{1}{4}$ sec. cor., Aug 5 th 1878 12 ins. N. and $\frac{1}{4}$ of cor. 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base over it. In N. pit down a stake 2 ft. long 2 ins square, 2 ins in the ground, marked $\frac{1}{4}$ on S. on N. face
80.00	Set a blue limestone 18x12x8 ins. 12 ins in the ground, for the cor. to Tps 19 and 20 S. Rs. 19 and 18 & 19. It. marked 6 notches N. S. E. and W. edges, and

B1

Ext. T. 20 S. R. 19 H.
East Boundary

Chain raised a mound of earth
and stone alongside
Laid, gently sloping
bank
Soil, mixed with gravel
2nd rate
No timber

22-

29:-

44.0

West Boundary.
I begin at the Standard
con. to Tps. 20 S. R. 19 and
20 H., which is a post
4 ins. square firmly set in
the ground, marked.

T. 20 S. on N.
R. 19 H. S. 31 on E; and
R 20 W. S. 36 on H. faces,
with 6 notches on N. E and
H. faces and pits N. E
also H. of Post

41.1-

- Chains 4 ft. dist. and a mound
of earth around Post.
Then cut down
North but. secs 31 and 36
Va $16^{\circ} 25' E.$
Over level land through
brush
- 22.50 Left grasswood
- 29.50 Cut willows
- 40.00 Set a post 3 ft. long 3 mos.
square, with charred
stake 12 mos. in the ground
for 1/4 sec cor. marked $\frac{1}{4} S.$,
on N. face, dug pit 18X18X12
mos. W. and S. of post $5\frac{1}{2}$ ft.
dist. and raised a mound
of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft.
base, around Post
- 41.15 Dry bed of creek 12 lks. wide
5 lks. deep, course N 85°
E.

105

Exteriors T. 28 S., R. 19 H.
Chains 19 M. 40 fms. boundary

- 4250 Leaf willows
- 419.50 Dry wash 11 cks. wide
and 8 cks. deep
course N 80° E.
- 10500 Exter grusewood
- 50.00 Deposited a charred
stake 12 in. in the ground,
for cor. to sect. 25, 30, 31
and 36, dug pits 18X18X12
in. in each sec. 5 1/2 ft.
dist. and raised a
mound of earth 2 ft. high
1 1/2 ft. base, over it
In S. E. pit drove stake 34, 3
2 ft. long 2 in. square
2 in. in the ground
marked T. 26 S. 30 on N.E., 40.0
R. 19 H. S. 30 on S. E.,
R. 28 W. S. 36 on S.W.
S. 35 on N.W. faces, with

BOOK-A-181

Salt Lake Meridian
West Boundary 106

1 notch S. and 5 notches N.
edges.

Land, nearly level
Soil, 1st and 2nd rate
Undergrowth greasewood
and willow 50-50 chs.

North bet. Secs. 25 and 30
Va $16^{\circ} 20' E.$

Over nearly level land
through brush

34,50 Mound 12 ft. high and
about 5 chains east of
line

40.00 Set a post, 3 ft. long 3 in
square, with chard

Stake 12 ins. in the ground
for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$
on low N. face

III

Exterior T. 2 S. R. 19 E.
T. 19 S. R. 19 E.

- Chains dug pits 18 x 18 x 12 ins N
and S. of past 5 $\frac{1}{2}$ ft. dist.
and raised a mound
of earth 1 $\frac{1}{2}$ ft. high 3 $\frac{1}{2}$ ft.
base, around past
- 6600 Top of small sand ridge
7 ft. high, bears S. 80° E.
and N. 80° W.
- 5000 Deposited a charred stake
12 ins. in the ground, for cor.
to secs. 19, 24, 25 and 30,
dug pits 18 x 18 x 12 ins, in
each sec. 5 $\frac{1}{2}$ ft. dist. and
raised a mound of earth
2 ft. high 4 $\frac{1}{2}$ ft. base over
it. (In S. E.) pit drove 30;
stake 2 ft. long 2 ins
square 12 ins. in the
ground, marked
T. 19 S. 19 on N. E. 40.

Salt Lake Meridian
Post Boundary

chains R. 20 N. S. 25 on S. W. end
 S. 24 on N. W. faces, with
 2 notches on the S. and
 4 notches N. edges
 Land, sand mixed with
 gravel, level and covered
 with greasewood 80 chs.
 Soil 2nd rate

North bot. sec 9 and 24.

Va $16^{\circ} 20' E.$

- 30.70 Dry wash 4 ft. deep and
 8 ft. wide course N. $60^{\circ} E.$
- 40.00 Set at past 3 ft. long 3 ins
 square, with chard stake
 12 ins. in the ground for
 1/4 sec. cor. marked 1/4
 S. on N. face, dug pits
 $18 \times 18 \times 12$ ins. N. and S.

Sexto T. 20th S. R. 19th W.
West Boundary.

Chains of Post 5 $\frac{1}{2}$ ft. dist, and
raised a mound of earth
 $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base,
around post

chain

80.00 Deposited a charred stake
12 ins. in the ground, for co.
to sec. 13, 16, 19 and 24,
Aug pits $18 \times 18 \times 12$ ins. in
each sec. 5 $\frac{1}{2}$ ft dist, and
raised a mound of earth
2 ft. high $4\frac{1}{2}$ ft. base
Bur. it. on S. E. pit drove
stake 2 ft. long 2 ins. square
12 ins. in the ground,
marked T. 20 S. 18th N. E.
R. 19 W. S. 19 on S. E.
R. 20 W. S. 24 on S. W. Aug
S. 18 on N. W. faces
with 3 notches on N. and S.
edges

21.20

22.00

40.00

Chains Laid, sand, and clay
mixed with gravel and
covered with mesquino
Soil. 3 ft. rate
January 20th 1889.

North lat. sec. 13 and 18
Va. $16^{\circ} 20' E.$

Our gently rolling land
covered with brush.

- 21.20 Foot of ridge
- 22.00 Top of ridge 15 ft. high
converges N. $24^{\circ} W.$
- 40.00 Set a post 3 ft. long 3 ms
square, with charred stake
12 ms in the ground, for
1/4 sec. cor. marked ~~NE~~ S.
on N. face, dug pits
18x18x12 ms. N. and S.
of post. $3\frac{1}{2}$ ft. dist.

111^cGullions Twp S^o R 19 H,
Benton Co.

BOC

Chains and raised a mound of earth 1½ ft. high 3½ ft. base, around past	chain
115.00 Foot of ridge	
80.00 Deposited a charcoal stake 12 ins. in the ground, for corr. to secs. 7, 12, 13 and 18, dug pits 18 X 18 X 12 ins in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. Base over it.	
In S. E. pit charcoal stake 2 ft long 2 ins square 12 ins in the ground, marked	34.00
Twp S. 87 on N. E. R 19 H. S 18 on S. E. R 20 H. S. 13 on S. H. and S. 12 on N. H. faces	40.00

chains with 4 notches S. and 2

notches N. edges

Land, gently rolling
soil, clay and mixed
with gravel 2nd rate
greasewood on rocks.

North lat. secs. 7 and 12
Var. $16^{\circ} 20' E.$

34.00 Leaven greasewood and
cotton willows

40.00 Set a post 3 ft. long 3 ins.
square, with charred stake
12 ins. in the ground for 4
sec. cor. marked 1/4 S. on N.
face, cliff side 18x18x12 ins
N. and S. of post.

III

Exterior S. T. 2 S. R. 19 H.
First Boundary

Chains		Chains
	5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high.	
	3 1/2 ft. base around post.	
65.00	Lawn willows, and inter sage brush	
80.00	Deposited a charred stake 12 mrs. in the ground for cor. to secs. 1, 6, 7 and 12. dug pits 18x18x12 mrs. in each sec. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base, over it. In S. E. put drove stake 2 ft. long 2 mrs. square 12 mrs. in the ground marked	20.0
	T. 2 S. S. 6 on N. E.	28.00
	R. 19 H. S. 7 on S. E.	40.0
	R. 20 H. S. 12 on S. W. and S. 1 on N. W. faces	

Chain with 5 notches S. and 1
notch at. edges

Land, gently rolling
Soil, clay loam, covered
with sage brush,
juniper, and willows
1st rate

Sage brush, greasewood
and willows on so chs.

North bat. sec 1 and 6
Va. $16^{\circ} 2' S.$

Our level land
through brush

20.00 To point, the S. end of
meadow about 16 chs. E.

28.00 Road from Desert to Owyhee -
 $N 70^{\circ} E.$ 70°

40.00 Set a post 3 ft long 3 ins
square, with a barbed

B.C.

Exterior's ^{1st}

^{2nd}

S. R. 1981.
West Boundary

Chain Stake 12 ins. in the ground. Chain
for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S.
on N. face, dug pits 18x18x12
ins. N. and S. of post. 5 $\frac{1}{2}$
ft. dist., and raised a
mound of earth $1\frac{1}{2}$ ft.
high $3\frac{1}{2}$ ft. base, around
post

80,00 Deposited a quart of
charcoal 12 ins in the
ground, for cor. to
Pps. 19 and 20 S.
R. 19 and 20 H., dug
pits 24x18x12 ins.
lengthwise on each
line N. S. E. and H. of
cor. 6 ft. dist. and
raised a mound of
earth $2\frac{1}{2}$ ft. high. 5 ft. base
over it. In S. E. pit

Chains drove a stake 2 ft. long
2 mrs. square 12 mrs. in
the ground, marked
T. 19 S. S. 1 on N. E.
R. 19 N. S. 6 on S. E.
T. 20 S. S. 1 on S. W. and
R. 20 N. S. 36 on N. W.
faces, with 6 notches
each edges

Land, levee
Soil clay loam 1st mile
Guarwood on rocks.

North Boundary
From the cor. to Tps 19 and
20 S. R. 19 and 20 N. S.
run East on a random
line between said
townships the Va of my
compass being 16° 26' E.

109 S. R. 1981.

Exteriors Twp. 20 N. Main Day

Chains I set temporary half mile
and mile corners at each 18.
40 and 80 chains and
find the township line 25.3
to be 3 miles 79 chains
and 60 eks long, and the 40.
falling to 60 eks. N. of
the cor. to

Tps. 19 and 20 S. R.

18 and 19 H. The correction
for the true line will
therefore be 7 eks. south
and 40 eks. West per
mile and its course will
be N. $89^{\circ} 57' W.$

X
North $89^{\circ} 57' W.$ true
line bet. sec. 1 and 36.

Var. $16^{\circ} 20' E.$

57.

62

80.

- chains
 18.00 Sand knoll about 4 ft.
 high
 25.50 Dry wash 20 lks. wide
 4 ft. deep coarse S. 70° ft.
 40.00 Deposited a quart of charcoal
 12 ins. in the ground, for
 $\frac{1}{4}$ sec. cor. dug pits 18x18
 $\times \frac{1}{2}$ ins. E. and N. of cor.
 $5\frac{1}{2}$ ft. dist, and raised
 a mound of earth $1\frac{1}{2}$ ft.
 high $3\frac{1}{2}$ ft. base, over it.
 In E. pit drove a stake
 2 ft. long 2 ins. square 12
 ins. in the ground, marked
 $1\frac{1}{4}$ S. on N. face
 57.00 Sand knoll N. about 70
 lks. Enter grasswood
 62.00 Sand knoll 4 ft. high
 80.00 Deposited a quart of charcoal
 12 ins. in the ground

Exterior S. & E. Boundary

BC

Chains for cor. to Secs. 1, 2, 35 and
36 dug pits 18X18X12 ins
in back sec. 5 1/2 ft. dist,
and raised a mound of
earth 2 ft. high 4 1/2 ft. base
over it. In S. E. pit
drove stake 2 ft. long 2
ins. square 1/2 ins in the
ground, marked

35.5

400

T. 19. S. 836 on N. E.

R. 19. H. S. 1 on S. E.

T. 20. S. 82 on S. H. and
S. 35 on N. H. faces with
1 notch E. and 5 notches
H. edges

Land gritty sloping to the
H.

Soil, clay mixed with
gravel & slate

Oncasewood on 23 chains

470

Salt Lake Meridian
South Boundary 120

chain North $89^{\circ} 57'$ It. on a true line but secs. 2 and 35 Over nearly level land through brush

35.50 Dry hollow with wash in bottom 100 ft. wide and 8 ft. deep, coarse N. 60° It.

40.00 Deposited a quart of charcoal 12 ins. in the ground, for $\frac{1}{4}$ sec. cor. dug pits 18 X 18 X 12 ins. E. and W. of cor. 5 $\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high 3 $\frac{1}{2}$ ft. base, over it. In E. pit drove a stake 2 ft. long 2 ins. square 12 ins. in the ground, marked $\frac{1}{4}$ S. E. W. N. face

47.00 Top of small bank 7 ft. above bottom land

121

113

BOOK

Exteriors of S. R. 19 Ft.

Chains

8000

Deposited a quart of charcoal
12 ms in the ground, for
con. to secs. 2, 3, 34 and
35 dug pits 18X18X12 ms
in each sec. 5 $\frac{1}{2}$ ft dist.
and raised a mound
of earth 2 ft high 4 $\frac{1}{2}$ ft.
base, over it. In S. E. pit
drove stake 2 ft long 2 ms
square 12 ms in the
ground, marked

7.140

T. 19 S. S. 35 - on N. E.

R. 19 N. S. 2 on S. E.

T. 20 S. S. 3 on S. W. and

S. 34 on N. W. faces, with
2 notches E. and H notches

35.0

H. edges

Sand, gently sloping to the
H.

46.0

Salt Lake Megidiori 114
Notes Boundary 122

Soil, clay mixed with
gravel 2nd rate
freewheel on so chains.

North $89^{\circ} 57'$ It on a true
line but, sec. 3 and 34
Va $16^{\circ} 2^{\circ}$ E.

Cross nearly level land
through brush

7.140 Meadow creek 12 ft. wide
3 ft. deep, runs N. 8° E.

35.0⁰ Top of ridge 8 ft high
course N. 80° It. and S. 80° E.

46.00 Deposited a quart of
charcoal 12 ins. in the
ground, for 1/2 sec. cor. dug
pits 18 X 18 X 12 ins. E and
W. of cor. 5 ft. dist; and
raised a mound

BUL

~~Exteriors~~ ^{1/5} S. R. 19 ft.
North Boundary

- Chains of earth 1 $\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft.
base, over it. In E. pit
drove a stake 2 ft. long 2
ms square 12 ms in the
ground, marked $\frac{1}{4}$ S on
N. face
- 56.50 Road bearing N. $29^{\circ}E.$, S.
29 ft.
- 58.00 Deposited a quart of char-
coal 12 ms. in the ground
for cor. to secs. 3, 4, 33
and 34. dug pits 18x18x12
ms. in each sec. 5 $\frac{1}{2}$ ft.
dist. and raised a mound
of earth 2 ft. high $4\frac{1}{2}$ ft.
base, over it. In S.E. pit
drove stake 2 ft. long 2 ms
square 12 ms in the ground,
marked

T. 19 S. S. 3 4 m. E.

R. 19 H. S. 3 m. E.

chains

39.40

40.00

chain T 20 S. S. H. S. N. and
 S 33 on N. H. faces, with
 3 notches E and H. edges
 land, nearly level
 soil, mixed with sand
 and clay 2nd rate
 grasswood on so chains.

X

North $89^{\circ} 57'$ H. on a true
 line bet. secs. 4 and 33
 Over nearly level land
 39.40 Dry wash 10 lks. wide
 about 5 lks. deep, coarse H.
 40.00 Deposited a quart of char-
 coal 12 in. in the ground,
 for 1/4 sec. cor. dug pits
 18x18x12 ms. E and H.
 of cor. 5 1/2 ft. dist. and
 raised a mound of earth

Exteriors T. 20 S., R. 19 W.
with Boundary

Chains	1 1/2 ft. high 3 1/2 ft. base, over it. On E. pit drove a stake 2 ft. long & ins square 12 ins in the ground, marked 1/4 S on N. face.	Chain
80.00	Deposited a quart of charcoal 12 ins in the ground, for cor. to secs. 4. 5, 32 and 33; dug pits 18x18x12 ins. in each stc. 5 1/2 ft. dist, and raised a mound of earth 2 ft. high 4 1/2 ft. base, over it. On S. E. pit drove stake 2 ft. long 2 ins square 12 ins in the ground, marked T. 19 S. 32 300 ft. E.	40.00
	R. 19 W. S. 40 S. E.	
	T. 20 S. 30 S. W. and S. 32 on N. W. faces, with	

chains 14 notches E. and 2 notches
ft. edges
Land, nearly level
Soil, mixed with clay and
gravel & ^{not} rate.
Grasswood on 80 chains.

North $89^{\circ} 57'$ ft. in a true
line bat. sec. 5 and 32
 $Var 16^{\circ} 26' E.$

Over nearly level land
40.00^o Deposited a quart of
charcoal 12 mrs in the
ground, for $\frac{1}{4}$ sec cor. dug
sites $18 \times 18 \times 12$ mrs. E. and ft.
of cor. $5\frac{1}{2}$ ft. dist. and
raised a round of earth
 $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base.
over it.

Exteriors T. 20 S. R. 19 N.

Sac

Chains	In E. pit drove a stake 2 ft. long 2 ins square 12 ins in the ground marked $\frac{1}{4}$ S. on N. face	chain
61.50	Road bears N. 74° E. and S. 74° W.	
50.00	Deposited a quart of charcoal 12 ins in the ground for cor. to secs. 5, 6, 31 and 32 Aug. pits 18 X 18 X 12 ins. in each $5\frac{1}{2}$ ft. dist; and raised a mound of earth 2 ft. high 4 $\frac{1}{2}$ ft. base over it. In S. E. pit drove stake 2 ft.	38.00
	long 2 ins. square 12 ins. in the ground, marked	40.00
	T. 19 S. S. 3 2 on N. E. R 19 H. S. 5 on S. E. T. 20 S. S. 6 on S. H. and S. 3 1 on N. H. faces, with 5 notches E. and 1 notch	

chains & edges.

Land, nearly level
Soil, mixed with clay
and gravel Ind rate
Greasewood on 80 chains,

North $89^{\circ} 37'$ L. mature
line bet. Secs 6 and 31.

Va. $16^{\circ} 20'$ E.

Over nearly level land
 38.00 Enter grass and leave
 40.00 Defasted a quart of charcoal
 12 in. in the ground, for
 1/4 sec. cor. dry pits 18 x 12
 in. E. and N. of cor. 5 1/2 ft.
 dist. and raised a mound
 of earth 1 1/2 ft. high 3 1/2 ft.
 base, over it. In E. pit
 drove a stake 2 ft. long

North Boundary

Exteriors T. 20 S. R. 19 W.

B

Chains 2 mds square 12 mds. in the ground, marked $\frac{1}{4}$ sec. on N. face

63.00 Lava meadow of about 200 acres principally S. of lime and enter greasewood

79.60 The cor. To Tps. 19 and 20
S. R. 19 and 20 It.

Land, nearly level
Soil, mixed with clay
2nd rate

Undergrowth greasewood
on 41.60 chains, lava
meadow

January 20th 1882.

General Description

This township nearly all level Valley, soil 1st and 2nd rate.

There is a large spring in Eastern part of township and it is covered with excellent grapes for grazing. There is a settler living on Meadow Creek in E part of township; This township should be subdivided.

Andrew Stewart Jr

W. S. Deputy Surveyor.

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, July 22nd, 1882

The foregoing field notes of the survey of the

North East & West
Boundaries.

Township No. 20 S. Range No. 19 W.
of the Salt Lake Meridian, Utah Territory,
Executed by Andrew J. Thuram
Under his contract No. 103
of the 15th day of June 1881,
in the month of January 1882,
having been critically examined, the necessary
corrections and explanations made, the said
field notes, and the surveys they describe are
hereby approved.

J. D. Saloum
U. S. Surveyor General for Utah.

REPORT: 1883 1883 132

Filed 1882

Examined by John D. Campe

Compared by Ed. Michaelis & L. W. HickRok

FIELD NOTES
OF THE SURVEY OF THE

North East & West
Boundaries and Reserve of the
South Poly.

OF

Township No. 22 South

Range No. 19 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Andrew J. Stewart Jr.

U. S. Deputy Surveyor,

Under his Contract No. 108

Dated June 13th 1881Survey commenced March 9th 1882Survey completed " 11th 1882

B
NAMES AND DUTIES OF ASSISTANTS:

..... Compassman.
James W. Stewart, Chainman.
Joseph F. Thompson Chainman.
Brigham J. Brown Chainman.
James F. Gyles Chainman.
George F. Robinson Axeman.
A. G. Earle Axeman.
Joseph R. Gyles ~~Axe~~ Flagman.

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Subs

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[2.—PRELIMINARY OATH OF CHAINMEN.]

We, James W. Stewart, Joseph F. Thompson,
 and Brigham J. Brown, ^{and James F. Gyle}
 do solemnly swear that we will well and faithfully
 execute the duties of chain carriers; that we will
 level the chain upon even and uneven ground and plumb the tally pins, either by
 sticking or dropping the same; that we will
 report the true distance to all notable objects, and
 the true length of all lines that we assist in
 measuring, to the best of our skill and ability,
 and in accordance with instructions given us,
 in the survey of the ~~Exterior and Subdivision~~
~~lines of Township 9 South Range 19^t~~
~~20th and Township 25 South Range~~
~~9th West, and 5th and a parallel N.W.th~~
 of the Salt Lake base and meridian in the Territory of Utah.

James W. Stewart, Chainman.
 Joseph F. Thompson, Chainman.
 Brigham J. Brown, Chainman.
 James F. Gyle, Chainman.

Subscribed and sworn to before me this 9th,

day of March 1882

J. Miles
Notary Public

We, George S. Robison
and Albert Earl & Joseph R. Gyles
do solemnly swear that we will well and truly per-
form the duties of axemen, in the establishment
of corners and other duties, according to instruc-
tions given us, and to the best of our skill and
ability, in the survey of the exterior and subdivision
lines of townships 29 South Range 19
and 20 West and the Standard Parallel
South range 9 West and the exterior
and subdivision lines of township
25 South Range 9 West

of the Salt Lake base and meridian in the Terri-
tory of Utah.

George S. Robison, Axeman.

A. Earl, Axeman.

Subscribed and sworn to before me this 9th day of

day of March 1882

Wiles
Notary Public.

Interior S. 29 R. 19 M. 11 Min.

On the night of March
8th 1882 I took an observation
on the star polaris in accor-
dance with instructions
contained in the Manual
of Survey, and drove pick
ets on the line thus es-
tablished.

Survey commenced March
9th, with a Burts improved
solar compass.

Before commencing this
survey I test my compass
on the line established
last night, and find it
correct.

I begin at the corner to
S.P.S. 22 and 28 S. R. 19^{3/4} E.
29 m. which is a Gray
lime stone 24 x 10 x 6 ins.

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BOOK

South Boundary
Baldwin Section D.D.S.R. 1915.

Chain

firmlly set in the ground
and mound of stone and
earth, with pits marked
6 notches N. S. E & W. edges and
agrees with description
furnished me by the Sur.
General's Office.

67.30

X

Thence I run

East on a true resurvey line
(first finding by random
lines the proper course and the
necessity of resurvey) betwec. 6²⁰ 31'
Lat 16° 21' E.

Over nearly level ground
gently descending E.

13.25

Road course N. and S.

38.05

Road course N. and S.

40.30

Find a white limestone
firmly set in the ground
marked "on N. face for "

Salt Lake Mission

138

142

- 8030 sec. cor., dug pits 18x18x12 ins
E. and W. of cor. 5¹/₂ ft. apart
and raised a mound of earth
along side.
- 8030 Found Gray lime stone 16x10x8
ins. marked 1 notch W and 5
notches E. Edges, lying on
surface.. reset same 11 ins.
in ground, for reestablished
cor. to sec. 5, 6, 31 and 32,
dug pits 18x18x12 ins in each
sec. 5¹/₂ ft. apart. and raised
a mound of earth 2 ft.
high 4¹/₂ ft. base, alongside
Land bench slopes gently E
soil mixed with gravel
2nd rate
No timber
- bet.
W.
X 8
only
C.
the
De
8 ins
C.
and
rel.
4
E.
nd
gravel
to

South Boundary
of EDWRY Oxbow L. 18. 9. 1901.

Chains	Description	Chains
	East, on a true survey line for back of S.D.	
	Va 16° 22' E	
22.50	Descend gently sloping bench Road course N. 30° E. and S. 30° W.	
40.00	Saw white limestone 16 x 10 x 11 ins. in ground (which I found lying on the surface) Established 1/4 sec. cor. marked 1/4 on N. face, dug post 18 x 18 x 12 ins. & laid w. of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base along side	
47.50	Road course N. 30° E. and S. 30° W.	
53.70	A hollow about 10 ft. deep course N. E.	
53.50	Road course N. and S. Enter meadow.	
56.00	Lake creek 2 ft. deep 50 ft. broad	
60.00	Grass meadow and scrub brush	37.00
87.00	Find white limestone 20 x 10 x 8.	40.0

Salt Lake Meridian.

15	Bluffs	ms. lying on surface, marked 2 notches W. and 4 notches E. edges, re-set same 15 ms in the ground for the re-established cor. to Secs. 4, 5, 32 and 33. ^{ed} raised a mound of stone and Earth along side	bet-
		Land gently rolling bench and creek bottom soil petrate undergrowth greasewood on S. side Chains	8 mly
		East on a true railway line bet. Secs. 4 and 3	Se =
		Va. 16 20 E.	8 ms
		Over gently ascending ground ^{ed} leave brush at corner	nd
		To bottom of hollow 6 ft. deep covered ^{by low dry sw.}	et.
		Find a gray limestone 18 x 8 x 8	H sides to
		25.50 37.00 40.00	id

141

South Boundary

Pembrey, Ontario, Dec. 20, 1919 W.

Chain.

lying on the surface, re-set
 same 12 ins. in ground for 2
 established 4 sec. cor., mark-
 ed $\frac{1}{4}$ on N. face, dug pits 18
 $\times 18 \times 12$ ins. E and W. of stone
 $\frac{5}{4}$ ft. dist. and raised a mound
^{gently} $\frac{1}{2}$ ft. high 3' n. ft. base alongside
^{upper face sc}
 fine gray lime stone 15 x
 10 x 8 ins. lying on the surface,
 marked, 3 notches on E. and
 W. edges. re-set same 10 ins.
 in ground for the re-es tab-
 lished cor. topics. 3, 4 3 $\frac{3}{4}$ yd
 34. raised a mound of
 earth and stone, alongside
 land gently ascending to E
 soil, mixed with gravel, granite
 "No timber"

over
80.00

25.

35.

40.

80.0

Salt Lake Meridian. 142

Chain. East, on a true survey line bet-
w. sec. 3 and 34

Va. $16^{\circ} 20' E.$

- 25.00 Ascend gently sloping bench
Wash 4 ft. deep course S. $80^{\circ} W.$
- 35.00 A white lime stone 18x12x8
ins. 12 ins. in ground firmly
set, marked $\frac{1}{4}$ on N. face,
surrounded a mound of earth
and stone along side for re-
established $\frac{1}{4}$ sec. cor.
- 40.00 A blue lime stone 16x10x8 ins.
lying by old mound & re
set same 11 ins. in ground
for re established cor. to sec.
3, 3, 34 and 35, marked 4
notches W. and 2 notches E
edges and raised a mound
of earth and stone alongside
Land bench slopes gently to
- 80.00

1

143

13²²

South Boundary.
Grazing Extent 10.22 S.R 1900.

Chains W. Soil mixed with gravel
Ind. rate
No timber

8.

East, on a true north-south line between Sec. 2 and 36

Va 16° 20' E.

Ascend gently rolling bench.

25.50

38.00
40.00

West side of hollow 6 ft

Deep coule S.

^{top floor} SW.

Gray limestone 14x10x8 in., lying on the surface of the ground by an old mound reset same 8 ms. in the ground for

reestablished 14 sec

Lain

Cor. marked $\frac{1}{4}$ on ~~sec. 10~~
N. face, and raised a
mound of earth and stone
along side

80.00

I find a Gray Blue limestone
~~16x12~~ x 7 ins. lying on
the surface of the ground
by an old mound, re=
set same 11 ins. in the
ground for reestablish-
ed cor. to Secs. 1, 2, 3 & 4
3-6, marked 5 notches
W. and 1 notch E. Edges.
and raised a mound
of earth and stone along
side

Land gully rolling
brush,
soil, mixed with gravel
and broken limestone

161 d + CD 130¹³⁴
145 South Boundary of
Reservoir Extension T. 22 R.
Shaw Ind and 3rd rate
"No timber"

6

East, on a ~~resting~~ line
between Sections 1 and

36

Va $16^{\circ} 30' E.$

Ascend rolling bench

5.00 Wash 1 ft. duff course
S. W.

39.85 Wash 3 ft duff course
S. W.

40.00 Find gray limestone 16X10
x 8 ins lying by monad
rest same 11 ins. in
ground for restab-
lished $\frac{1}{4}$ sec. cor. mark-

8.

19W. Salt Lake Meridian

- Point - Ed 14 on N. face, dug
pits 18X18X12 ins. E.
and W. of cov. 5¹/₂ ft.
dist. raised a mound
of earth 1¹/₂ ft. high 3¹/₂
ft. base along side
Ascend abruptly course
of ridge N. W. and S.
E.
- 63.00 Find limestone 24X18X12
ins. firmly set in
mound of stone, mark-
ed 6 notches on N. S. E.
and W. edges, being
the cov. to Tps 22 and 23
S. R. 18 and 19 W. and rais-
ed a mound of stone along
side
Land rolling back
soil dry bare. No timber
- 8000

147 E East Boundary. 13th
Exteriors J. 22 S.R. 19 W.

Chains March 9th 1882.

From the cor. to Obs. 22 and 23
S.Rs 18 and 19 W. established
by my self thence I run
N. bet. Secs. 31 and 34.

Viz. 16° 20' E.

As and over rolling moun-
tains.

- | | | Chains |
|-------|--|--------|
| 9.00 | Wash, 4 feet deep 100 lks.
wide, course S. W. | 41. |
| 10.00 | Foot of hill. | 50. |
| 15.50 | Top of hill about 100 ft.
from valley | 75. |
| 20.00 | Bottom of hill, course N. | |
| 30.00 | Wash 2 ft. deep 100 lks.
wide, course N. | 80. |
| 40.00 | Set a gray limestone
18 x 8 x 6 ins. 12 ins. in the
ground for 1/4 sec. cor. | |

Chains marked $\frac{1}{4}$ on N. face,
and raised a mound
of stone alongside.

41.00 Ravine, 10 ft. deep, course S.

50.00 Lava ravine, coarse N. E.

75.00 Top ridge about 500 ft.
above hollow, course N. W.

80.00 Set a gray limestone
 $14 \times 16 \times 8$ ins. in a mound
of stone, for cor. to sec. 25,
30, 31 and 36, marked 1
notch S. and 5 notches N.
edges
and raised a mound
of stone alongside.

Sand, rough and
mountainous.

Soil, mixed with gravel
and rock, 4 th rate
Mountainous on ~~so~~ chains,

Chains A. bet. sec. 25 and 30.
Va. $16^{\circ} 20' E.$

Cha

Over mountains.

Cedar timber S. of line

Top of ridge, course S. W.

Descend.

Set a gray limestone
 $14 \times 12 \times 6$ ins. 9 ins. in the
ground, for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ on W. face, and raised a
mound of stone alongside.

Bottom of hill

Ravine, course W. and
descend.

10

17

Set. a gray limestone
 $14 \times 10 \times 6$ ins. in a mound
of stone, for cor. to secs.

18,

3.

19, 24, 25 and 30. Marked
2 notches on the S. and 4
notches on the N. edges, and
raised a mound of

14

Chains stone alongside.

Land, mountainous,
Soil, mixed with rock
and gravel, 4th rate.

Mountains on 80 chains.

North bet. secs. 19 and 24.
Lat. $41^{\circ} 26' E.$

Over rolling mountains.

10.00 Enter scattering cedars.
17.50 Wash, 4 ft. deep 50 lks. wide
course S. W.

18.00 Descend abruptly.
33.50 Wash 7 ft. deep 100 lks.
wide course N. in hollow.
40.00 Set a gray limestone
 $14 \times 16 \times 6$ ins. in a mound

Chains of stone, for $\frac{1}{4}$ sec. cor.

Marked $\frac{1}{4}$ on W. face, and raised a mound of stone alongside.

70,000 Top of mountain about 2,000 ft. above the valley, and along on W. side ridge.

80,000 Setta gray limestone
 $18 \times 12 \times 6$ ins. in a mound
 of stone, for cor. to secs. 13,
 18, 19 and 24, marked
 3 notches on the S. and N.
 edges, and raised a
 mound of stone alongside,
 Land, mountainous
 soil, mixed with limestone
 4th rate.

Mountains over 80 chains.

Ch

35

37.

40.

41.

80

P141
Salt Lake Mountain

Chas.	North bet sec. 18 and 18 Va $16^{\circ}30' E.$ Descend over rolling mountains
35.00	Foot of ridge a ravine 20 feet deep 200 ft wide course w
37.00	Ascend
40.00	Set a gray lime stone $1\frac{1}{4} \times 12 \times 6$ ins. in a mound of stone on a ledge of lime stone, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face, and raised a mound of stone along side
47.00	Top of ridge course E. & W. descend
50.00	Set a gray lime stone $18 \times$ 10×6 ins. $\frac{1}{2}$ ms. in ground and a mound of stone

1412

East of Boundary.
Exterior S. 22d. D 19 W.

B

Chains for cor. to secs. 7, 12, 13 & 18 mark
 Ed 4 notches on S. and 2
 notches on N. edges, raised a
 mound of stone along side
 Land rolling mountain
 soil mixed with stone & gravel
 4th rate
 Mountains on 80 cts

Chains

65.

80.0

North bet. secs 7 and 12
 Fa $16^{\circ} 20' E.$

Descend Mountain ridge
 33.00 Foot of ridge about 400 ft. below top.
 40.00 Set a White lime stone, 18x7x6 ins
 12 ins. in ground for cor.
 marked $\frac{1}{4}$ on w. face and
 raised a mound of
 stone along side

10.0

Salt Lake Meridian.

Chains	154
65.00	Descent from cliff about 50 ft. High.
80.00	Set a Blue limestone $1\frac{1}{4} \times 10 \times 6$ ins. in a mound of stone, for cor. to sec's. 1, 6, 7 and 12, marked 5 notches on the S. and 1 notch on the N. edges, and raised a mound of stone alongside.
	Sand, mountainous. Soil, mixed with lime- stone. 4th rate.
	Mountains on 80 chains.
	North lat. sec's. 1 and 6. Var. $16^{\circ} 20' E.$
10.00	Ascend.

Exterior S. 22 R. 19 N.

Chains

Chain

4000 Set a Blue limestone
 $14 \times 12 \times 6$ ins. 9 ins. in the
 ground, for $\frac{1}{4}$ sec. cor.
 marked $\frac{1}{4}$ on W. face and
 raised a mound of stone
 alongside

50,000 Set a Blue limestone
 $20 \times 12 \times 8$ ins. 15 ins in the
 ground, for the cor. to Tps
 18 and 19 S. R.S. 18 and 19
 It. marked 6 notches on
 N. S. E. and W. edges,
 and raised a mound
 of stone alongside,
 Land, high rolling moun-
 tains

Soil, mixed with rock
 and gravel at rate.
 Mountains on 50 chains.

178,

220

230

Chains I begin at the cor. Pts
22 and 23 S. R.S. 19 and 20
It, which is a gray lime
stone 24 x 12 x 6 ins. firmly
set in the ground, marked
6 notches N. S. E. and W.
edges.

I raise a mound of earth
and stone alongside.

Planted and

North bat. sect. 31 and 36.

Va $16^{\circ} 20' E$

Over a bank sloping
gradually to the east.

1787 Wood road course N. 80°
E. and S. $80^{\circ} W.$

22.00 Descent, abruptly from bank
Foot of bank, about 40 ft.
below the top. course N.
 $65^{\circ} E$

Exteriors S. 22 J.R. 19 H.

Chains

		Ch
23.36	Hash 5 ft. deep, 30 lks. wide course N. 65° E.	6.
27.10	Good road course N. 60° E. and S. 60° W.	80
35.00	N. side of hollow course N. 65° E.	
3834	Good road course N. 80° W. and S. 80° E.	
4000	Set a white stone 16 x 10 x 6 ins. 11 ins. in the ground, for 1/4 sec. cor. Marked 1/4 on N. face, and dug pits 18 x 18 x 12 ins. N. and S. of cor. and raised a mound of earth 1 1/2 ft. high and 3 1/2 ft. at base alongside,	
5000	Hollow 10 ft. deep 45 lks. wide course E.	
55.50	Hollow 22 ft. deep 75 lks. wide	

Salt Lake Meridian

Chains course E.

65.75 Hollow 15 ft. deep 10 ft. wide
course S.

80.00 Set a white flint stone 14x
12x6 ins. 4 ins. in the
ground, for cor. to sec.

25, 30, 31 and 34, marked
1 notch on S. and 5 notches
on N. edges, and dug
pits 18x18x12 ins. in each
sec. 5 1/2 ft. dist. raised
a mound of earth 2 ft.
high, 4 1/2 ft. at base
along side.

Ladd, gently rolling brush
Soil, mixed with gravel,
2 mil pale.

No timber.

West of Boundary R. 1991.

	Chains	North lat. sec. 25 and 30. Var. $16^{\circ} 20' E.$	Ch
	15.00	Over sloping bank Wood road course N. 80° W. and S. $80^{\circ} \frac{1}{2} E.$	
	40.00	Set a gray limestone $14 \times 10 \times 4$ ins. 9 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on its face, and raised a mound of earth and stone, alongside.	
3	57.50	Descent into hollow 4.50 chains wide and 18 ft. deep course $E.$	
4	80.00	Set a blue lime stone $14 \times 8 \times 6$ ins. 9 ins. in the ground, for cor. to secs. 19, 24, 25 and 30, marked, 2 notches S. and 4 notches at edges, and	3

Chains dry pits 18 x 18 x 12 ins.
 in each sec. 5 $\frac{1}{2}$ ft. dist,
 and raised a mound
 of earth 2 ft. high, 4 $\frac{1}{2}$
 ft. at base, along side.
 Sandy, rocky brush.
 Soil mixed with gravel
 and salt
 No timber

North bat. Secs. 19 and 24.
 Va. $16^{\circ} 25' E.$

- 31.00 To S. bank of big wash,
 descend,
- 33.00 Foot of abrupt, descent 100
 ft. below.
- 33.20 A wash 10 ft deep 20 ft.
 wide, which line follows
 100 ft. s.

161 West Boundary 13rd
Evergreen S. R. 1981.

Chains

- 40,000 Set a cobble stone 19x18x
6 ins. 14 $\frac{1}{4}$ ins. in the
ground for # see cor.
marked $\frac{1}{4}$ on N. face,
and dug pit, 18x18x12
ins. N. and S. of stone,
 $5\frac{1}{2}$ ft. dist; and raised
a mound of earth $1\frac{1}{2}$ ft.
high, 3 $\frac{1}{2}$ ft. base,
along side
- 45,000 Top of bank, N. side
big wash course E.
- 48,25 Indian trail course S. E.
- 48,72 Road, course E. and N.
- 80,000 Set a limestone 18x18x12
ins. 12 ins. in the ground,
for cor. to secs. 13, 18, 19 and
24, marked 3 notches on
the N. and S. edges; and

Salt Lake Meridian 162

Chimney built 18x18x12 ins. in
such sec, 5 1/2 ft. dist. and
raised a mound of
earth 2 ft. high, 4 1/2 ft. base
alongside

Soil, brown,
Soil, mixed with gravel
2nd rate

No timber

March 10th 1882.

North lat. Secs. 13 and 18.

Lat. 41° 20' E.

26.50 Yd. hollow 300 eks. wide
and 12 ft. deep

40.00 Set a conglomerate stone
36x12x16 ins. 27 ins. in
the ground, forty sec. 000.
Marked off on all faces

Coyerion S. 22

chaus and dug pits; 18 X 18 X 12
in. N. and S. of stone

and raised a mound
of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft.
base, along side.

45.00 Wash. course E. and W.

54.20 Wash, 300 ft. wide about
20 ft. deep course N. E.
and S. W.

" 50.00 Wash, 300 ft. wide, and
about 20 ft. deep course
E. and W.

80.00 Set a Gray limestone
14 X 10 X 8 ins 11 ins in the
ground for cor. to sec.

7, 12, 13 and 18, marked
4 notches on the S. and
2 notches on N. edges,
and dug pits. 18 X 18 X 12
in. in each sec.

40.

Salt Lake Measuring
164

chains $5\frac{1}{2}$ ft. dist. and raised
a mound of earth 2 ft.
high, $4\frac{1}{2}$ ft. base alongside
Land, rolling
Soil 2nd rate
No timber

X
North lat. sec. 7 and 12.
Var. $16^{\circ} 20' R.$
4000 Set a cobble stone $14 \times 10 \times 6$
inns. 10 inns in the ground
for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ on N. face, and dug
pits $18 \times 18 \times 12$ inns. N. and
S. of stone, $5\frac{1}{2}$ ft. dist.,
and raised a mound
of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft.
base, alongside

165 E West Boundary ^{15 ft.}
Exteriors J. 22 J.R. 19W.

80

Chains	F. H. Freeman's House	Chains
	bears N. 46° E.	
55.00	Road course N. E. and S. W.	4.8 28.6
67.70	Road course N. E. and S. W.	
80.00	Set a cobble stone $1\frac{1}{4} \times 10 \times 8$ ins. 11 ins. in the ground for cor. to secs. 1, 4, 7 and $\frac{1}{2}$. marked 5 notches S. and 1 notch on N. edges; dug pits $1\frac{1}{8} \times 1\frac{1}{8} \times 1\frac{1}{2}$ ins. in each sec., $5\frac{1}{2}$ ft. dist, and raised a mound of earth, 2 ft. high, $4\frac{1}{2}$ ft. base, alongside. Soil, gritty sloping bank. Soil mixed with granite, 2nd rate.	29.2 30. 32.0
	No timber	32.4

Chains	North bet Secs. 1 and 6, Va. $16^{\circ} 20' E.$
4.85	Water ditch course S. E.
28.15	Water ditch 10 ft. wide and 2 ft. deep course E.
29.20	Lumber fence 7 ft. high around stack yard.
30.50	Leave stack yard and enter stable, 50 ft. long 22 ft. wide built of lumber
32.60	Daniel A Gonders house baars E. 100 lks dist. about 50 ft. long and 16 ft. wide. A little camp patch containing about $\frac{1}{2}$ acre fence for hog pasture 50 lks. west of line
32.60	Irrigating ditch 15 lks. wide and 24 ins. deep runs N. E.

167 West Boundary
Oltitons J. 22 S.R. 11 W.

Ch
52
Chains This is S.E. corner of
Mr Gouders field con-
taining about 110 acres

40.00 Set a cobble stone 22x9
X 8 ins. 16 $\frac{1}{2}$ ins in the
ground, forty $\frac{1}{4}$ sec. cor.
markedly on W. face,
dug pits 18x18x12 ins.
W. and S. of stone,
5 $\frac{1}{2}$ ft. dist., and raised
a mound of earth 1 $\frac{1}{2}$ ft.
high 3 $\frac{1}{2}$ ft. base,
long side,

41.70 Road from Frisco to
Ocota course N.W. and
S.E.

49.50 Dry bed of Snake creek
15 lks wide and 4 ft.
deep course N.E.

51.65 Road course N.E. and
S.W.

Chains

52.50

To point from which
 Brigham Young's house
 bears S. 46° E. and about
 9 chains dist., Charles
 Rowlands house bears
 N. $63\frac{1}{2}^{\circ}$ E. about 15 chains
 dist.

55.30

Water ditch 10 ft. wide
 2 ft. deep, runs E.

57.60

Road course S. E. and
 N. W.

65.60

Road, course S. E. and N. W.

80.00

Set a cobble stone 15 X 10 X 8
 ins. 10 ins. in the ground,
 for cor. to Pts. 21 and 22
 S. Rs 19 and 20 W.
 marked 6 notches on
 N. S. E. and W. edges; dug
 pit 24 X 18 X 12 ins.

Chains lengthwise on each side, lengthwise N. S. E.
and W. of stone, 6 ft dist,
and raised a mound
of earth 2 $\frac{1}{2}$ ft high, 5 ft.
base, alongside

Sand, slopes gently to
the E.

Soil, 1st and 2nd rate
No timber

X

NORTH BOUNDARY.

From the cor. to Yps. 21
and 22 S. R. 19 and 20
W. I run east on a
random line, between
said townships, the Va
of my compass being
16° 20' E.
S. W.

Chains I set temporary half
mile and mile corners
at each 40 and 80 chains
and find the township
line to be 5 miles 78 chains
and 75 links long and
the falling to be 84 lls
N. of the cor. to Tops. 21 and 22
S. Rs 18 and 19 W. The correction
for the true line will
therefore be 14 lls. South
and 128 lls. West per mile
and its course will be N.
N. 89° 34' W.

From the cor. To Tops. 21 and
22 S. Rs 18 and 19 W. es-
tablished by my self I find
N. 89° 34' W. on a true line

171

BOOK

North Boundary.
October 22d 1911.

Chains left 361 and 36

Va $16^{\circ} 20' E.$

chain

	Over rolling mountains	
10.00	Wash 8 ft. deep 30 ft. wide N.	
10.50	One cedar 15 ins. diam	
40.00	Set a lime stone 16 X 12 X 4 ins. 11 ins. in ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face and raised a mound of earth and stone along side	
63.00	A water pocket in the rock	
70.00	Enter ravine course S. $80^{\circ} W.$	
78.00	Leave ravine course S. W.	10.0
80.00	Set a fine lime stone 18 X 12 X 10 ins. 12 ins in mound of stone on ledge for cor to Spec 12, 35 and 36 marked 100 ch E. and 5 notches W. edges and raised a mound of stone	10.3 33.0 40.0

Salt Lake Meridian.

78

Chains alongside.

Sandy, mountainous
Soil, mixed with rocks
and gravel, 4th and 5th
rule

Mountains on so chains.

Pg 9064 Nova true
line bet. sec. 2 and 3^s

Va. 16° 2' E.

Down over limestone
kilometer

10.00 Wash 5 ft. deep 30 ft. wide
course N. 10 ft.

10.30 Ascend

33.00 Top of ridge about 300 ft.
high, course N. and S.,
and descend

4000 Set a Blue limestone
18x12x10 in. 12 in. in

Chains

North Botanyary, S. R. 19 ft.

	The ground, for pp. sec. cor. marked by low fl. face and dug pits 18x18x12 ins. Mound S. of stone, 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base alongside	Chains
45.50	Wash, 8 ft. deep 50 eks wide course N. W.	
53.00	Wash 4 ft. deep 50 eks wide course N. 20° W.	
66.50	Wash 2 ft. deep 30 eks wide course N. E.	8.00
50.00	Set of Blue limestone 18x12 x 12 ins. 12 ins in the ground for cor. to secos.	12.00
2.3, 3 1/4 and 3 5/8, marked 2 notches G. and 4 notches on Wedges and raised a mound of earth alongside	2.00	30.00
		38.60
		46.00

chains Sandy, rolling and spurs
of mountains

Soil, mixed with rock
and sand, 3rd and 4th
rate

Mountains on 80 chains

North 89° 54' Ft. over base
lime bat. sec 3 and 34

Va 16° 26' E.

8.00	To foot of cliff, about 100 ft. high, course N.	
12.00	Top of spur about 200 ft. high	
20.00	Bottom of hollow 200 ft. below ridge, and descended abruptly.	off.
30.00	Foot of cliff 200 ft. high.	
38.00	Top of same, descended	2
40.00	Set a blue limestone 26 X 18 X 8 ins. 19 1/2 ins. inc	

175

E.G. North Boundary
Interior J. 22 D. Re 1905.

B.C.

chains	the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face, and raised a mound of stone alongside,	chains
42.00	Ascend from cliff about 300 ft. high.	
55.00	To bottom of cliff course N. and S.	
60.00	Descent more gradual across valley	5.00
80.00	Sita Blue limestone 18 x 10 x 6 in. R. in a mound of stone, for cor. nos. 3, H. 33 and 34, marked 3 notches on E. and W. edges, and raised a mound of stone alongside	4.00
	Lime, Broken and Mounta- inous	40.52
	Soil, mixed with rock and gravel 2 nd and 4 th	

chains rate

Mountains on 80 chains.

N. $89^{\circ} 54'$ Ft. on a true
line bet. secs 4 and 33

Va. $16^{\circ} 28'$ E.

Down cliffs

5.00 Bottom

4.0.0.0 Set a gray limestone
14 x 12 x 8 ins. 10 ins in the
ground, for $\frac{1}{4}$ sec. cor.

marked $\frac{1}{4}$ on N, face dull
dry pits 18 x 18 x 12 ins. & and
most of stone $5\frac{1}{2}$ ft. thick
and raised a mound
of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft.
base alongside

4050 Wash 2 ft. deep 15 ft. wide
course N.

177

North Boundary Party W.
Exterior, J. 22. S. O. 19. N.

Chairs

417.00

Top of ridge 75 ft. high
louise N. and S.

50.00

Set a Blue limestone

$16 \frac{1}{2} \times 4$ ins 11 ins in the
ground for cor. to sec. H, 5,
32 and 33 marked 4 notches
E, and 2 notches on W.
edges and raised a
hollow of stone
along sides.

Sand, broken and mountain
ous.

Soil, mixed with rock
and gravel, 4th rate
Mountains on 80 chains

Chas.

46

51

76

80.

N. 89° 54' W. on a true

Chains.	line bet secs. 5 and 32 Va $16^{\circ} 20' E$. Descend gently sloping mountain
40.00	Set a blue lime stone 14 $\times 12 \times 3$ ins. 9 ins. in ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face and raised a mound of stone along side
53.92	Road leading from Snake Creek to Cow Creek course S. E. and N. W.
76.00	Leave Mountain and enter Valley and grease= wood course N. $20^{\circ} E$ $\pm 20^{\circ} W$.
80.00	Set a gray lime stone 15 \times 10 \times 4 ins. 10 ins. in ground for cor. to secs. 5, 6, 31 and 32 marked 5 notches E and 1
+	

179 C

North Boundary, 9 W.

Exterior J. 22 S. D. 19 W.

Chains notch on W. edge,
dig pits 18X18X12 ins. in
each sec. 5¹/₂ ft. dist. and
raised a mound of
earth 2 ft. high 4¹/₂ ft. base,
along side

Land slopes West,
soil loam and mixed with
gravel 1st and 2nd rate
Mountain on 76 chs. underground
greasewood on 4 chs.

N. 89° 54' W. on a true line,
between secs 6 and 31
Ra 16° 21' E.

Over level ground,
through brush.
Leave greasewood and en
ter cultivated field of

150

Salt Lake Meridian

- Claim
course N and S.
Lake creek 10 ft. wide 2 ft
deep runs N.
- Leave cultivated field
and enter greasewood brush
- Snake creek 10 ft. wide 12
ins. deep runs N.E.
- Set a cobble stone 16x12x8
ins. 1/4 ins. in ground for
1/4 sec. cor. marked "on
N. face
dug pits 18x18x12 ins
E. and W. of stone 5¹/₂ ft.
dist and raised a mound
of earth 1¹/₂ ft. high 3¹/₂
ft. base along side
- Old Salt Road from Salt
March to Roche Nevada
course N and S.

179

181

North Boundary
Interior S. 22 D. R. 19 W.

Chain

Chain

78.75

The cor. to Tps 21 and 22 S.
R's 19 and 20 W. (estab-
lished by my self)
Land nearly level.
Soil 1st rate.

Undergrowth grass worn
on 53 chains.

March 11th 1882

X

180

BOOK A-181

Salt Lake Meridian

182

19

For general description
see Subdivision notes

Andrew Stewart Jr.
A. S. Deputy Sur.

BOOK-A-181 -1714 191
U. S. SURVEYOR GENERAL'S OFFICE, 183

Salt Lake City, Utah, July 22nd 1882

The foregoing field notes of the survey of the

North, East and West Boundaries
and Reserve of the Smith's Body

Township No. 22nd Range No. 19th

of the Salt Lake Meridian, Utah Territory,

Executed by Andrew J. Stewart Jr.

Under his contract No. 103

of the 15th day of June 1881,

in the month of March 1882,

having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.

John Galloway
U. S. Surveyor General for Utah.

BOOK-A-181

Township *S.W.* R. 19 W.

168	167	165	163	161	160	
165	6 273	5 242	4 224	3 207	2 188	1 173
-270	-268	-241	-222	-205	-187	
163	7 267	8 239	9 221	10 203	11 186	12 172
-265	-263	-238	-219	-201	-185	
37	18 262	17 236	16 218	15 200	14 183	13 171
-259	-257	-235	-216	-198	-181	
169	19 258	20 233	21 214	22 196	23 180	24 169
-254	-252	-232	-213	-195	-178	
168	30 250	29 231	28 212	27 194	26 176	25 158
-248	-246	-231	-210	-192	-175	
165	31 244	32 227	33 209	34 190	35 173	36 156
126	128	129	131	132	134	

REPORT: 1883

185

Filed

1882

Examined by

John D. Gamper

Compared by

C. H. Heser & Ernest Salomon

P.
ame

FIELD NOTES
OF THE SURVEY OF THE

Subdivision,

Township No. 22 South

Range No. 19 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Andrew J. Stewart, Jr.

U. S. Deputy Surveyor,

Under his Contract No. 103

Dated June 16th 1881Survey commenced March 13th 1882Survey completed March 10th 1882

22

NAMES AND DUTIES OF ASSISTANTS:

James W. Stewart, Chain
Compassman.

Joseph F. Thompson, Chainman.

Bingham J. Brown, Chainman.

James F. Gyles, Chainman.

George F. Robinson, Chainman.

A. G. Earle, Axeman.

Joseph R. Gyles, Axeman.

Flagman.

Subdivisions T. 22 S. L. 19 W.

Claims On the night of March
11th 1882, I took an observa-
tion on the star Polaris, in
accordance with instructions
contained in the Manual
of Surveys, and drove pick-
ets on the line thus established.
Survey commenced March 13th
1882, with a Vernier Com-
pass manufactured by
W. & L. E. Gurley examined
and approved by the W.
S. Surv. Genl. of Utah.

Before commencing this
survey I test my compass
on the line established last
night, and find it correct.
And then ran a blank
line on the S. boundary
of sec. 36, and at 40.02

ell
line
14 X
nd
or 4
morning
ing

1836

ig

CKD
atc

et 26
'E.

Subdivisions S. 22 S. R.

Chains

chs. found 4 Sec. cor. and 20
80.00 chs. found the sec.
cor. My compass will
therefore run the same line
as the exterior boundary
and the chaining prac-
tically agreed.

Survey commenced Mar 4th,
13th 1882.

I commenced at the cor.
to Secs. 1, 2, 3 & 4 on
south boundary, which
is a gray limestone 18 x 8
in. firmly set in the ground
marked 1 notch E. and 6
notches W. edges. with a
mound of earth and stone
along side. Then I run
North bet. Secs. 3 & 4
N. 16° 20' E.

79° W Salt Lake Meridian

	line	
Shore	Over gently rolling moun-	line
	tain. Ascend	
10.00	Wash 1 ft. deep 30 ft. wide	14X
	course S. W. and ascend Mountain	nd
13.00	Foot of hill, ascend	14
30.00	Top of hill about 100 ft	round
	high course W.	ig.
Mar 4.000	Set a gray lime stone 14X8 x 6 ins. 9 ms. in ground for 4 sec. cor. marked 4 on w. face	136
	and raised a mound of stone	8
	along. Ascend	4
8.000	Top of ridge about 150 ft.	126
	Above hollow course E. and W.	3
6.000	Descend ridge	0.
8.000	Foot of ridge about 60 ft below	
	top and set a gray lime	
	stone, 16X10X 6 ins 11 ins in	
	ground for the cor. to sec.	
	25, 26, 35 and 36, marked	

190

Subdivisions S. 22 S. R. 19 W.
C 175

Cham.

I notched S. and I notch to edge
and raised a mound of
stone along side
Land gently rolling Mountain
soil, mixed with stone and
gravel 2nd and 3rd rate.
~~Mountain~~^{out} 10. chas.

East, on a random line
bet. secs 25 and 36.

V 16° 20' E.

Ascend gently rolling
Mountain

4000

8060

Set a temporary "y" sec. cor.
Intersect the E bound-
ary of the Sp. 30 like N. of the
cor. to secs. 25, 30 31 and
36, established by myself

- Chains and returned with these Notes, Thence from N. $89^{\circ}47'W.$ on a true line bet, Secs. 25 and 36.
- 40.30 Set a blue lime stone 14x X 12x 3 ins., 9 ins. in ground marked 4 on N. face for 4 sec. cor. and raised a mound of earth and stone along side
- 80.60 The cor. to Secs. 25-26, 35+36 Land gently rolling mountain soil mixed with rock & gravel 3rd and 4th rate mountains on 80.60 chs.

North between, Secs. 25 & 26
Va $16^{\circ}20'E.$

Subdivisions S. 23 S. R. 19 W.

1	Cham.	Over rolling mountains.
	3.00	Wash 3 ft. deep 50 lks. wide, course W.
	25.00	Ravine 10 ft. deep 50 lks. wide course W.
	30.00	Enter scattering cedar
	38.00	Leave cedars course E and W
	40.00	Set a blue lime stone 18x18 x10 ins. on a ledge of lime- stone in a mound of stone, for 1/2 sec. cor. marked $\frac{1}{4}$ on W. face and raised a mound of stone along side
	44.50	Wash 3 ft. deep 50 lks. wide course W.
	50.00	Wash 6 ft. deep 150 lks. wide course W.
	68.60	Wood road course S. E. and N. W.
	69.00	Wash 3 ft. deep 100 lks. wide course N. 75° W

Salt Lake Meridian.

W.

wide,

wide

wide

18x18

lime-

one, for

W. face
stone

wide

wide

and N.W.

wide

Cham.

78.00

79.00

80.00

Commence to ascend
Top of ridge about 200 ft. high
course S. E.

Set a gray lime stone 16x8x
4 ins. high, in ground for the
cor. to Secs. 23, 24, 25 and 26,
marked 2 notches S. and 4
notches N. edges, and raised
a mound of earth and
stone along side.

Land rolling mountain
soil, mixed with gravel and
limestone, 3rd and 4th rate
mountainous 80 chs.

Cast, on a random line bet.
secs. 24 and 25-

Va $16^{\circ}20' E.$

Over rolling mountain

194

Subdivisions S. 17th S. R. 19 W.

1

Chains 3,000	descending Bottom of hollow course SW. Set a temporary 1/4 sec. cor.
4,000 80.80	Intersected E. boundary of township 84 Lks. N. of the cor. to Secs. 19, 24, 25 and 30 for description see exterior Notes. Thence E. N. E. N. 89° 2' 4" W. on a true line bet- Secs. 24 and 25 with same Va.
40.40	Set a blue lime stone 14X10X6 ms 9 ms. in ground for 1/4 sec cor., marked $\frac{1}{4}$ on N. face and raised a mound of stone along side
80.80	The cor. to Secs. 23, 24, 25 and 26 land rolling mountain soil mixed with gravel and lime stone 3 rd and 4 th rate mountainous 80.80 Chs.

~~BOOK-A-181~~ Salt Lake ^{180°} Meridian

Chains.	North bet. secs. 23 and 24 Va 16° 15' E.
	Ascending ridge
20.00	Top of ridge 300 ft above hollow
26.00	Bottom of hollow course S.W.
	Ascend
40.00	Lay a blue lime stone 16X8X6 in. 11 in. in ground for $\frac{1}{4}$ sec. cov. Marked $\frac{1}{4}$ on W. face and raised a mound of stone along side
42.00	Top of ridge about 300 ft high course S.W.
53.00	Bottom of hollow about 200 ft. below ridge course S.W. ascend
60.00	Top of ridge about 300 ft above hollow course S.W. and N.E.
71.00	Descend into canon
80.00	A stationary gray lime stone

P. 181
Subdivision C. 22 S. R. 19 W.

Chains 24 X 16 X 12 ins. above ground
marked with a (+) Crop for
the point of cor. to Secs. 13, ~~14~~,
13 and 24, marked 3 notches S.
and 1 notch E. edges. from
which a Nut pine 10 ins. in
diam., bears N. 85° W. 30 lbs.
dist. marked P. 22 S. R. 19
W. S. 14, B. P. no other tree con-
venient to mark, and raise a
mound of stone along side.
Land, high rolling mountain,
soil mixed with rock and gravel
 $2\frac{1}{2}$ " and $4\frac{1}{2}$ " rate

Mountainous, 80 Chms.
East, on a random line bet-
secs. 13 and 24

At $16^{\circ} 20'$
Ascend rolling mountain

Salt Lake Meridian.

Moved	Chains.	
Off for 13, 14.	4.85	A Wash 3 ft deep 40 lls wide course N. 70° W.
W.S.	15.00	Ascent more abrupt.
From	40.00	Set a temporary '4 sec. cor.
in. in	80.70	Intersect E. boundary of the township 5-6 lls N.E. of the cor. to secs. 13, 18, 19 and 24. for description see exterior Notes returned with this contract No 103 by my self
60 lls.		Thence from
R. 19		N. $89^{\circ}36'$ W. on a true line.
ee Cor-		bkt. - Secs. 13 and 24 with same Va.
use a		Set a gray lime stone 14X12X3 ins.
side.		9 ins in ground for '4 sec.
utain.		Cor. marked "4 on N. face, $\frac{3}{4}$ rd
d ground		raised a mound of stone along side.
Lans.	40.35	The cor. to secs. 13, 14, 23 and 24.
bet.		
Alm	80.70	

198

18³
Subdivision J.L. 2 S. 8 19 W.

Chains Land mountain slopes W.
 soil mixed with rock & gravel
 $3\frac{1}{2}$ " and 4th rate
 some scattering cedar
 mountains on 80.70 chrs.

North between Secs. 13rd and 14
 Va. 16° 20' E.

- | | |
|-------|--|
| 4.00 | Over rolling mountain
Wash 3 ft. deep 30 hrs. wide
course N.W. |
| 10.00 | Leave scattering cedar
and ascend more rapidly |
| 40.00 | Set a blue line 14x8x 6 ins. 9
ins. in a mound of stone, for
$\frac{1}{4}$ sec. cor. marked "you do not
and raised a mound of stone
along side |
| 42.00 | Top of ridge about 20 ft. |

Salt Lake Mountain

		Chain above hollow course N. 70°
	55.00	W. descend Wash 4 ft deep 100 ft. wide course W. in a hollow about 100 ft. below ridge. Ascend
	66.00	Top of ridge about 100 ft. above hollow course W. descend
	80.00	Set a gray lime stone 18X12 x 10 ins. 12 ins in mound of stone, for the cor. to sec. 11, 12, 13 and 14, marked 4 notches S. and 1 notch O. edges nd raised a mound of stone along side. Sand rolling and broken mountain. Soil gravel and clay mix- ed with rock 3 rd and 4 th rate Timber Cedarwood 10 chd. Mountains on 80 chd.

200

Subdivision T. 22 S. R. 19 W.

1
8 chains.

East, on a random line, bet.

secs. 12 and 13.

Va $16^{\circ} 20' E.$ Over rolling and broken
mountains

40.00

Set a temporary $\frac{1}{4}$ sec. cor.
Intersect East boundary
of township 30 - 1/2 mi. N. of the
Cor. to secs. 7, 12, 13 and 18.

80.78

Hence I run

N. $89^{\circ} 47' W.$ on a true line,
bet. - secs. 12 and 13 with same Va.

40.39

Set a gray lime stone 16 x
9 x 6 ins. 11 ins. in ground and
marked $\frac{1}{4}$ on N. face for
 $\frac{1}{4}$ sec. cor. and raised a
mound of stone along
side

80.78

The cor. to secs. 11, 12, 13 and 14
Land rolling and

Salt Lake Meridian

W.

S. bet.

Chain broken mountain,
soil mixed with rock 4th rate
mountain on 80.78 elev.

Rea

etc.

ary

the

line,

Danville.

16x

dnd

for

z

ing

and 14

1

North bet. Secs. 11 and 12.

Va. 16° 20' E.

Over gently rolling moun-
tains

13.00 Descent more gradual
4.000 Set a gray lime ^{stone} 18X12X4 ins.
12 ins. in ground, for 1/4
sec. cor., marked 1/4 on W.
face and raised a mound
of stone along side.

6.000 A grove of cedar & pine
8.000 Set a blue lime stone 16X12X
8 ins. 11 ins. in ground for
the cor. to Secs. 12, 11 and 12
Marked 5 notches on Sth cl.

P¹⁸⁷

Subdivisions J. 22 S.R. 1971.

8 Chavis. notch on E. edges, and raised a mound of earth and stone along side
Land gently rolling mountain soil clay and mixed with rock and gravel 3rd and 4th rate mountains on 80' elev.

6

4

8

East, on a random line, bet. secs. 1 and 12.

N Δ 16° 20' E.

Over gently rolling mountains. ascend

4.000 feet a temporary 4 sec. cor.

4300 feet more abrupt

80, 30' intersect the east boundary of the township to the left of the cor. to secs. 1, 6, 7 and 12

7

8

Salt Lake of Meridian

- Claims (for description see exterior notes) Please from
N. $89^{\circ}30'$ W. on a true line,
bet secs. 1 and 12 with same Va.
- 40/5 Set a gray lime stone 20x12x
3 ins. 1/2 ins. in ground for 4.
See cor. marked $\frac{1}{4}$ on N. face
and raised a mound of
stone along side.
- 80.20 The cor. to Secs. 1, 2, 11 and 12
Land rolling mountains
soil clay and mixed with
rock and gravel 3rd and
 $\frac{4}{4}$ grade
mountain on 80 30 elev.
- North, on a random line
bet. Secs. 1 and 2.
Va. $16^{\circ}20'$ East.

Subdivision S. 22 S. R. 19 W.

- 8 Chas. Over gently rolling moun-
tain, descend
- 40.00 Set a gray lime stone 16" x 10" x 6"
for temporary "4 sec. cor.
- 79.20 Intersect N. W. boundary of
Township 80 Lks. W. of the
cor. to Secs 12, 35, and 36
for description (see exterior
notes) Thence I run
S 34 W. on a true line bet.
secs. 1 and 2 with same va-
- 89.20 Set a gray lime stone 16" x 10" x 6"
in. high in ground for "4
sec. cor. marked "4 on
W. face and raised a mound
of earth and stone along
side.
- 79.20 The cor. to Secs 12, 11 and 10
Gentle rolling mountain
soil mixed with rock and

Salt Lake Meridian.

Chains. gravel 2nd and 4th rate
Mountains on 7th & 8th class
March 13th 1882

From the cor. to Sec 2, 3,
34 and 35 on the south
boundary of the township
which is a limestone
18x12x10 ins. firmly set in
the ground, marked 2
notches on the East and 4
notches on the West
and a mound of earth and
stone along side. I run
North between Secs. 34 and
35

Va $16^{\circ} 20' E.$

206

Subdivisions J. 22 S. R. 19 W.

Chains	Description	Chains
Ascend gently sloping bench		
2.20	Wash 3 ft deep 40 lks. wide course S.W.	
6.70	Wash 3 ft deep 50 lks. wide course S.W.	
17.00	Wash 4 ft. deep 150 lks. wide course S.W.	
40.00	Set a gray lime stone 16X10X6 ins. 11 ins. in ground, for $\frac{1}{4}$ sec cor. mark- ed $\frac{1}{4}$ on W. face, and raised a mound of earth and stone along side	
61.00	Wash 2 ft. deep 20 lks. wide at ft. of mountain ascend; course S.W.	
78.50	Wash 4 ft. deep 100 lks. wide. course S.W.	3.00
80.00	Set a gray lime stone 26X10X 6 ins. $19\frac{1}{2}$ ins. in ground for the cor. to secs. 26, 2 $\frac{1}{4}$, 34 and 35, marked 2 notches E.	33. 41.

Salt Lake Meridian.

Chain and I notch on S. edges &
raised a mound of earth
and stone along side

Land, gently sloping beach,
and mountain.

Soil 2nd and 3rd rate.

Mountain on 19 Chs.

East, on a random line, bet.
secs. 26 and 35-

Va. $16^{\circ} 20' E.$

Over gently rolling moun-
tains.

3.00 A Wash about 4 ft deep 100
ft. wide course S. W

33.00 A Wash, in hollow about
80 ft deep, 3 ft deep 20 ft
wide course S. W

44.00 Set a temporary "4 sec. cor.

Chains.		Chains.
5.6.00	A Wash 4 ft deep 50 ft wide course S. W.	
80.12	Intersect N. and S. line 42 ft. N. of the cor to Secs. 25, 26, 35 and 36. Then run N. $89^{\circ}42'$ W. on a true line, bet. Secs. 26 and 35 with same rea	7.35
40.06	Set a blue lime stone 15 x 7 x 5 ins 10 ins. in ground for $\frac{1}{4}$ sec. cor., marked "40" N. face, and raised a mound of stone along side	2.00
80.12	The cor. to secs 26, 27, 34 and 35 Land rolling Mountain. Soil mixed with rock and gravel $\frac{2}{3}$ " and $\frac{4}{5}$ " slate Mountains on 80.12 chs,	4.00
		7.00
		80.00

Salt Lake Meridian

Chains. North bet. Secs. 26 and 27
Va. 16 20' E.

Over rolling mountain.

7.35 Wood road course N.E.
and S.W.

2.00 Wash 4 ft. deep 20 ltrs. wide
course N.W. Ascend abruptly
through scattering cedar timber

24.00 Top of ridge about 200 ft.
above sec. cor. course E. & W.

34.00 Wash 5 ft. deep 20 ltrs. wide
course W

40.00 Set a gray limestone 26x10
x8 ins. 19 $\frac{1}{2}$ ins. in ground for
 $\frac{1}{4}$ sec. cor. marked 4 on W.
face and raised a mound of
earth and stone along side

7.00 Leave scrub cedar course E
and W.

80.00 Set a lime stone 14x12x4

210

Subdivisions T. 22 S. R. 19 W.

1955

BO

Chains, ins. 9 ins. in ground for cor.
to secs. 22, 23, 26 and 27,
marked 2 notches on the
S. and E. edges, and raised a
mound of earth and stone
along side.

Land gently rolling mon-
tain.

Soil mixed with rock and
gravel 2nd and 3rd grade
Mountain on 80. chains

40.32

80.6

East, on a random line,
bet. Secs. 23 and 26

N a $16^{\circ} 20' E.$

Ascend, gently rolling mon-
tain

4,000 Set a temporary & sector.

80.64 Intersect Nada S. line
3 6 lls N. of the cor. to Secs,

80.7

Salt Lake Meridian.

Chains 23, 24, 25 and 26, Please

I am,

N. 8^o 45' W. on a true line
bet. secs. 23 and 26 with sometta

40.32 Bet a gray lime stone 18x10
x 8 ins. 12 lbs. in ground for 4
sec. cor. marked 4 on N. face
and raised a mound of
stone along side.

80.64 The cor. to secs. 22, 23, 26 & 27
Land rolling mountain
soil mixed with rock and
gravel 2nd and 4th rate
Mountains on 80.64 chain

North bet. secs. 22 and 23
N 16^o 22' E.

Over rolling mountains
Wash 4 ft. deep 50 ft wide

197

Subdivisions T. 22 S. R. 19 W.

Chain	Course S. W.	Chain
40.00	Set a gray lime stone 16x12 x 8 ins. thick. in ground for 4 sec. cor. marked "4" on W. face and raised a mound of stone along side	
48.00	Top of ridge about 300 ft. above wash course W.	
80.00	To point about 200 ft below ridge, set a blue lime stone 16x12x8 ins. 11 ins in ground for the cor. to Secs 1, 4, 15, 22 and 23, marked 3 notches S and 2 notches E. Edges from which a low cedar 1 1/2 ins diam. bears S. 3° W. 52 lbs.	1.30
	dist. marked T. 22 S. R. 19 W.	40.0
	S. 22. N. B. T. no other tree con-	13.00
	venient to mark raised a mound of stone along side.	23.0

Salt Lake Meridian

Cham. Land rolling mountain.
soil, mixed with rock and
gravel 2nd and 3rd rate
mountains on 80 chs.
Some scattering cedar timber
along the line.

East, on a random line bet.
secs. 14 and 23.

At $16^{\circ}20' E.$

Ascend gently sloping moun-
tain

- | | |
|-------|--|
| 130 | Wash 4 ft. deep 40 ft. wide,
course N. $80^{\circ} W.$ |
| 400 | Ascent abrupt. |
| 13.00 | A lime stone ledge 6 ft. high
course N. and S. |
| 23.00 | Top of spur. of ridge about 100
ft. above sec. cor. descend |

1

21⁴

Subdivisions P. 22 S. R. 19 W.

Chambers

31.00

Foot of ridge a wash 3 ft. deep
20 ft. wide course S. W. ascend.

40.00

Set a gray lime stone for
Temporary 1/4 sec. cor.

60.00

Top of spur of ridge about 300
ft above last sec. cor.

80.10

Intersect N. and S. line 72 ft.
N. of the cor. to Secs. 13, 14, 23 &
24. Thence down

N. $89^{\circ}29'W.$ on a true line
betw. Secs. 14 and 23 with same N.

40.05

Set a gray lime stone 16 x 12 x 8
ins. 11 ins. in ground for 1/4 sec.
cor. marked 6 on N. face and
raised a mound of stone along
side.

80.10

The cor. to Secs. 14, 15, 22 and 23
Land rolling Mountain slopes W.
soil mixed with rock and

8¹

1¹

7.0

23

30

40.

4

6

Salt Lake Meridian.

8 miles. gravel 3rd and 4th grade
Mountains on 80.10 hrs.

North bet. sec. 14 and 15.

Na 16° 25' E.

Over gently rolling mountain.

- 1.45 Wash 4 ft. deep 20 lks wide,
course N. 80° W.
- 7.30 Wash 4 ft. deep 20 lks wide course S. W.
- 23.00 Wash 3 ft. deep 30 lks wide course S. W.
- 3.000 Wash 4 ft. deep 25 lks wide course S. W.
- 40.00 Set a blue line 14 x 8 x 6 ins. 9
ins. in ground for 4 sec cov
marked 4 on W. face and rais-
ed a mound of stone
along side
- 49.00 Hollow about 70 ft. deep 4. cbs
wide course W.
- 61.20 Hollow 30 ft deep 160 lks.

190

216

201

Subdivisions T. 22 S. R. 19 W.

Q 74,50 8000 H.O. 80	<p>8 hairs wide course W.</p> <p>Hollow 30 ft. dep 200 ft. with course W.</p> <p>Set a gray lime Stone 18X12 X10 ins. 12 ins. in ground for the cor. to secs. 10, 11, 14 and 15 marked 2 notches E. and 4 notches S. edges, and raised a mound of earth and stone along side.</p> <p>Land rolling Mountain soil, mixed with rock and gravel, 4th rate.</p> <p>Scattering scrub cedars along line $\frac{3}{4}$ of Mountain on 80. chs.</p>
--	--

E ast, on a random line bet. secs. 11 and 14

Va. $16^{\circ} 20' E.$

Salt Lake Meridian.

19 W.

Lks. with

18x12

ad for

and 15-

e. and 4

arris-

land

taine

ok and

as along

so, chs.

in line

E.

Chains	Ascend rolling and rocky mountain
18.00	Bottom of hollow about 70 ft. deep course S. 80° W.
19.00	Ascend abruptly
40.00	Set a temporary 1/4 sec. cor. over mountain
80.80	Intersect N. and S. line 30 lks. N. of the cor. to Secs. 11, 12, 13 and 14. Thence from N. 89° 04' W. on a true line bet. Secs. 11 and 14 with same lk.
40.40	Set a gray lime stone 17x13x4 and 11 ins in ground for 1/4 sec. cor. marked 4 on N. face and raised a mound of stone along side.
80.80	The cor. to Secs. 10, 11, 14 and 15. Land rolling mountain

20th
Subdivisions J. 22 S.R. 19 W.

8 miles soil, mixed with rock
and gravel, 3rd and 4th rate
Mountain on 80, 80 cbs.
Some scattering cedar

North, bet Sec. 10 and 11.
Va, 16° 20' E.

- | | |
|-------|--|
| 1.80 | Over gently rolling Mountain
Bottom of hollow about 40 ft
below ridge course W. |
| 40.00 | Set a white Spar Stone
18x12x12 ins. 12 ins. in ground
for 1/4 sec. cor. Marked 1/4 on
W. face and raised a mound
of stone along side. |
| 55.00 | Foot of cone shaped Moun-
tain, ascend |
| 63.00 | To foot of perpendicular
ledge of lime stone about 200 |

Salt Lake Meridian.

1900.

rock
the rate
obs.
carall.
'E.
Mountain
about 40 ft
W.Stone
in ground
a 4 or
a mound.

Moun=

near
about 200

Chain ft. high. Impracticable to measure further on line I therefore offset W. 4.00 chs to point. Hence

Nor offset line along W. slope of mountain 16.50 chs to point, hence E. ast 4.00 to foot of Mountain marking

87.00 of eta blue lime stone $18 \frac{1}{2}$
x 6 in. on a ledge of lime
stone in a mound of stone,
marked 5 notches S. and
2 notches on E. edges, for
the cor. to Secs. 2, 3, 10 and
11. And raised a mound of
stone along side.

Land rolling and rocky mountain
soil 3rd and 4th rate
mountains on 80 Chs.

220

200

Subdivision S. 22d. R. 19th.

Chains

East, on a random line,
bet. secs. 2 and 11.

$\text{La } 16^{\circ} 20' \text{ E.}$

This line cannot be ex-
tended East from this cor.
on account of a cliff of lime
stone that is about 180 feet
high & therefore run an
offset line

West

4.00 chs to point. Thence
South $16^{\circ} 50'$ chs. to point

Thence

E ast

4.00 chs. to sec line

2.400. chs. to point on E side of
cliffs. Thence

North

16.50 chs. to point on sec.
line on E. side of ledge.

Salt Lake Meridian

Chain

- 20.00 East side of Mountain
Bottom of hollow about
800 ft. below top of Mountain
- 37.00 Set a temporary "4 sec cor.
80.80 Intersect N and S. Line 80.
Sks. S. of the cor. to Secs.
12, 11 and 12, Then run
S. $89^{\circ} 26'$ W. on a true line
bet. Secs. 2 and 11 with same Va.
- 40.40 Set a gray lime stone 14X12
X 4 ins. 9 ins. in ground for
"4 sec. cor., marked $\frac{1}{4}$ on N.
face and raised a mound
of stone along side
- 80.80 The cor. to Secs. 2, 3, 11 and 11
Land high rolling and
broken mountains,
soil mixed with rock 4^{th} rate
Mountains on 80 80 Chs.

1

222

Subdivision J. 22 S. R. 19 W.

Chains North on a random line
bet. Secs 2 and 3
Va $16^{\circ} 20' E.$

Along W. slope of Mountain
steep and rocky

3200 A Cave 20 ft deep 12 ft.
high and 12 ft wide at foot
of perpendicular lime
stone ledge about 100 ft
high

33.00 Top of ridge course N. $80^{\circ} W.$
and S. $80^{\circ} E.$ This mountain
is about 2200 ft. above
valley, descend abruptly
over limestone ledges

3400 Top of limestone ledge about
130 ft. high descend

3700 Foot of ledges, descend
gradual

40.00 Set a temporary "spec. cor.

Salt Lake Meridian.

Chains

79.20

Intersect N. boundary of Town-
ship 32 U. & W. of the cor. to
Sects. 2, 3, 34 and 35.

(for description see exterior
notes) Thence

S. 014' W. on a true line

bef. Sects. 2 and 6 with Jamella.

39.20

Lay a gray lime stone 16
 $\times 12 \times 4$ ins. 11 ins. in ground,
for $\frac{1}{4}$ sec. cor. marked & on
W. face and raised a mound
of stone along side.

79.20

The cor. to Sects 2, 3, 10 and 11
Land rolling broken rocky
and gently sloping to st.
soil, mixed with gravel &
rocky 2nd and 4th rate
mountains on 79.20 Chas
March 14th 1882.

2248

P 209

Subdivisions T. 22 S. R. 19 M.

	From the cor. to secs. 3, 4, 33 on the S. boundary and 3 1/4, which is a gray lime stone 18 x 12 x 12 ins. firmly set in the ground and mark- ed 3 notches E and W. edges with a mound of earth and stone along side. From North cor. secs. 3 3/4 and 3 1/4 Va. 16° 20' E.	18 ft. 71.0
14.50	Ascend gently sloping bench	80.0
	Wash 3 ft. deep 25'-W.s. wide course W.	
40.00	Set a blue lime stone 14 x 8 x 6 ins. 9 ins. in ground, for 1/4 sec. cor., marked 1/4 on W. face, and raised a mound of earth and stone along side	
40.00	Wash 3 ft. deep 25'-W.s. wide	

Salt Lake Meridian

Chain 71.00 course 8.80° W.
 Road from Frisco via
 Burbank P.C. to Osceola
 course $N. 80^{\circ} W.$ and $S. 80^{\circ} E.$
 8000 Set a blue lime stone 14X12
 X 6 in. 8 in. in ground for
 the cor. to Secs. 27, 28, 33 $\frac{3}{4}$
 34, marked 1 notch S. and
 3 notches E. edges, and rais-
 ed a mound of earth and
 stone along side.
 Land nearly level.
 Soil, mixed with clay and
 gravel 2 $\frac{1}{2}$ " rate
 No timber

East on a random
 line bet. Secs. 27 and 34
 Va $16^{\circ} 20' E.$

226

211

Subdivisions Township 22 S.R.

190

- Chain Ascend gently rolling beach 0
 40.00 Set a temporary 4 sec. cor. 3.
 78.00 A Wash 4 ft deep 60 lks wide 4.
 Course S. W.
- 80.12 Intersected N. and S. line
 60 lks N. of the cor. to Secs. 26, 27, 34 and 35. Then
 I run
 N. $89^{\circ} 34' W.$ on a true line
 bet. Secs. 27 and 34 with Penn Va.
- 40.06 Set a gray lime stone 15 x 8 x 6 ins. 10 ins. in ground, for
 "4 sec. cor. marked & on
 N. face, and raised a mound
 of earth and stone, along-
 side
- 80.12 The cor. to Secs. 27, 28, 33 ~~and~~² 34
 Land gently rolling beach
 soil mixed with gravel 2 m. rate
 No timber

1905 Salt Lake Meridian

	Chains.	North bet. Secs. 27 and 28 Va. $16^{\circ} 20' E.$
39.00		Over gently rolling bench Trail course N. E and S. W.
40.00		Set a gray lime stone 14X 10X8 ins. 9 ins. in ground for "4 sec. cor. marked on W. face. and raised a mound of earth and stone along side
59.00		Walk 3 ft deep 25 ft wide course S $80^{\circ} W.$
80.00		Set a gray lime stone 14N2 X 6 ins. 9 ins. in ground for cor. to Secs. 21, 22, 27 and 28. marked 2 notches S. and 3 notches E. edges. and raised a mound of earth and stone along side
		Land gently rolling bench

228

228

Subdivisions T. 22 S. R. 19 W.

B.C.

Chain soil, mixed with clay and
gravel ~~granite~~
No timber

40.15

East on a random line bet.
secs. 22 and 27.

Va $16^{\circ} 20' E.$

Over gently rolling bench	80.30
Wash 4 ft. deep 50 lbs. wide	
course S. $60^{\circ} W.$	
Foot of mountain ascend,	
course $S. 20^{\circ} E$ and $N. 20^{\circ} W.$	
Set a temporary 4 sec. cor.	
Top of ridge about 300 ft.	
above sec. cor. course $N. 20^{\circ}$	
$W.$ and $S. 20^{\circ} E.$	
Intersect N. and S. line	
56 lbs. S. of the cor. to sec.	1.00
22, 23, 26 and 27 $\frac{1}{4} A$	40.00

Salt Lake Meridian.

- Chains. Thenee from
 $S. 89^{\circ} 36' W.$ on a true line bet.
 Sect 22 and 27th with same Va.
- 40.15 Set a blue lime stone 14x12
 $\times 3$ ins. 9 ins. in ground for a
 Sec. cor., marked $\frac{1}{4}$ on N. face
 and raised a mound of earth
 and stone along side
- 80.30 The cor. to Sects. 21, 22, 27th, 28,
 Sand beach and mountain
 soil mixed with gravel 2nd
 and 3rd rate.
 Mountain out 3,30 chains.

North bet Sects 21 and 22
 Va $16^{\circ} 20' E.$

- Over quite rolling beach
 Wash 1 ft. deep 15 lks. wide
- 1.00 Set a gray lime stone 15
- 40.00

230

2187

Subdivisions S. 23rd E., R. 19 W.

Chain 10 X 6 ins. 10 ins. in ground, for
 1/4 sec. cor., marked 4 on W.
 face, dug pits 18 X 18 X 12
 ins. N. end S. of cor 5^{1/2} ft. dist.
 and raised a mound of earth
 1^{1/2} ft high 3^{1/2} ft. at base
 over it.

79.25 Wash 3 ft. deep. 30 ft. wide
 course S. W.

82.00 Set a gray lime stone 15
 X 12 X 4 ins. 11 ins. in ground
 for cor. to secs. 16, 16, 21^{1/4}
 22, marked 3 notches on
 S. and S. edges. dug pits
 18 X 18 X 12 ins. in each sec.
 5^{1/2} ft. dist. and raised
 a mound of earth 2 ft.
 high 4^{1/2} ft. base along side
 Land gently rolling beach
 soil mixed with clay, sand,

Chas

5

10

3

4
8

Salt Lake Meridian.

		Chains. and gravel 27 th rate No timber
		East, on a random line, bet. Secs. 15 and 22 Va 16°20' E.
.87		Over gently rolling bench Wash 3 ft. deep 30 lks. wide course S. W.
13.00		Foot of mountain ascend and enter cedar course N. 15° W and S. 15° E.
37.00		A cedar 10 ins. diam., A wash 3 ft. deep 30 lks. wide course N. 80° W.
40.00		Set a temporary 14' post. Intersect N. and S. line 80.
80.20		C.P.S. N. of the cor. to Secs. 14, 15, 22 and 23. Hence

Subdivisions of T. 22 S. R. 19 W.

B.C.

Chain.

From.

N. 89° 26' W. on a true line,
bet. Secs. 15 & 22 with same Va.

40.10 Set a gray lime stone 14x12
x 8 ins 9 ins. in ground for
1/4 sec. cor. from which
a cedar, 10 ins. diam. bears
N. 30° W. 75' dist. mark-
ed 1/4 S. B. T. No other tree
convenient to mark, and
raised a mound of stone
along side

87.20

The cor to Secs. 15, 16 & 22.
Land rolling mountain.

Soil mixed with rock and
gravel 2nd rate

Timber cedar on 65 chs.
Mountains on 65 chs.

Chain.

40.1

79.

80.

Salt Lake Meridian.

Chain North bet. Sect. 15 and 16
To $16^{\circ} 20' E.$

Over gently rolling
mountain, Ascend.

40.00 Set a gray lime stone
18X18X4 ins. 12 in ground
for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ on W. face, dug pits
18X18X12 ins. N. and S. of
stone $5\frac{1}{2}$ ft. dist. and
raised a mound of earth
 $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base
along side

79.65 A Wash 3 ft. deep 25 ft.
wide course S. w.

80.00 Set a blue lime stone 15-
X10X7 ins. 10 ins in ground
for the cor. to Sect. 9, 10, 15 E.
1/6 marked 4 notches S. and
3 notches E. edges. and

234

B0

Subdivisions T. 22 S. R. 19 W.

Chains.

raised a mound of earth & stone along side
 Land rolling Mountain.
 Soil, mixed with clay and gravel, 2nd and 3rd rate.
 Mountains on 80 chs.

Chain
80.4

East on a random line,
 bet. Sect. 10 and 15.

Va $16^{\circ}20' E.$

Over rolling Mountains
 Ascend

80.4

40.00 Set a temporary 4 sec. cor.
 Foot of abrupt ridge at =
 end. course N. $18^{\circ}W$ $\frac{3}{4} S.$
 $18^{\circ} E.$

5-8.00 Top of Mountain about 100 ft.
 high.

60.00 To descent from Mountain

Salt Lake Meridian.

- Chain 1 course N. and S.
80.40 Intersect N. and S. line
70 lks. N. of the cor. to sec.
10, 11, 14 and 15. Hence from
N. $89^{\circ} 30' W.$ on a true line bet.
secs. 10 and 15. with same Va
40.20 Set a gray lime stone 18¹/₂
10 X 6 ins. 12 ins in the ground
for '4 sec. cor. marked $\frac{1}{4}$ on
N. face, and raised a
mound of & earth and
stone along side.
80.40 Th cor. to sec. 9, 10, 15 & 16
Land rolling and broken
lime stone ridges ^{as} mountains
soil mixed with rock 4th rate
mountains on 80.40 Chs.

Subdivisions Township 22 S.

B
Pa. 1

Distance	Description	Time
8 miles.	North bet. Secs. 9 and 10 Va $16^{\circ} 20' E.$	8 hours
23.00	Ascend Mountain Top of ridge about 300 ft above last sec. cor. course N.W. & N.E., descend over spurs of mountain ridge	6.20.
39.15	Foot of mountain course N.E. and S.W.	8.00
40.00	Set a blue limestone 18x12 x 4 ins. in a mound of stone on a ledge of lime stone mark- ed $\frac{1}{4}$ on W. face and raised a mound of stone along side	8.00
45.00	Ascend Mountain	8.00
53.00	Top of mountain about 200 ft above last $\frac{1}{4}$ sec. cor. course N.E. and S.W.	8.00
60.00	Foot of mountain about 150 ft below top	8.00

Chain:

6200.

Ascend Mountain

8000

Top of ridge about 200 ft.
above foot course SW $\frac{1}{2}$ NE.
Find sets a blue lime stone
40 x 18 x 12 in., on ledge
of lime stone in a
mound of stone, for cor
to secs. 3, 4, 9 and 10, mark
ed 5-notched S. and 4-notched
E. edges. and raised a mound
of stone along side.

Land rocky and broken moun-
tain ridges

Soil mixed with rock 4th rate
80.00 chs of lime over Mountain

East, on a random lime bed

secs. 3 and 10

Subdivision J 22 S. R. 19 W.

Chains

Va $16^{\circ} 20' E$

26.70

Over mountain ridge
ascend moderate slope

40.00

Descent abrupt
Top of Ridge about 300 ft.
High course N. and S. set
a temporary "4 sec. cor.
and descended

50.50

Foot of ridge a hollow about
160 ft below last "4 sec. cor.
Course S. and ascend abrupt

79.80

Foot of abrupt lime stone
Ledge, and intersect
N. and S. line 80 Okls. N. of
the cor. to Secs. 2, 3, 10 $\frac{9}{10}$ all

Hence I run

N. $8^{\circ} 26' W.$ on a true line,
bet. Secs. 3 and 10 with same N.A.

39.90

Set a blue lime stone 16 x 8

224
Salt Lake Meridian.

8900 ft. x 6 ins. 11 ins. in ground for
 $\frac{1}{4}$ sec cor. marked $\frac{1}{4}$ on N.
 face and raised a mound
 of stone along side

7980 The cor. to Secs. 3, 4, 9 and 10
 Land high rolling and
 rocky mountain,
 soil mixed with rock
 $\frac{1}{4}$ th rate

Mountain on 7980 elev.

North, on a random line,
 bet. Secs 3 and 4.

Va. $16^{\circ}20' E.$

Descend; over rolling
 mountains

Bottom of hollow; course
 W. ascend

Top of ridge about 180 ft

240

225

Subdivisions S. 22 E. R. 19 M.

B

Chains	above hollow course S.W. & E. N.E. descend	Chains
19.80	Descent from cliffs 20 ft. to bottom course N.E. and S.W.	
40.00	Delta temporary 1/4 sec. cor.	79.1
50.00	Foot of cliffs ascend	
52.00	Top of cliff about 200 ft high	
79.60	Intersect N. boundary of Township 14. 1/4 E. of the cor. to Secs. 3 4, 3 3 and 3 4. For description see exterior notes Thence down S. 6° E on a true line betw. Secs. 3 and 4 with same Va	
39.60	Set a blue line stone	

Salt Lake Meridian.

Chain 14 X 10 X 6 ins. for 1/4 sec
cov. marked 4 on W. face
and raised a mound of
earth and stone along
side

7960 The cov. to sec. 3, 4, 9 and 10
Land high rolling
rocky and broken mountain
soil mixed with rock
4th rate

Mountain on 7960 elev.

March 15th 1882

On the night of March 15th
1882 took an observation
on the star polaris in accor-
dance with instructions con-
tained in the manual of
surveys and drove pickets

242

Subdivision T. 22 S. R. 19 W.
T²²S R¹⁹W

Chains.

on the line thus established.
Before commencing this
line I test my compass
on the line established last
night and find it correct.

Chains.

140

From the cor. to Secs 4, 5, 32
and 33, and the south bound-
ary of the township, which
is a gray limestone 22 X 12
+ 10 in. firmly set in the
ground and marked 4 notches
E. and 2 notches W. edges. with
a mound of earth and stone
along side.

57

From

North bet Secs 32 and 33.

Va $16^{\circ}20' E.$

6

Over gently rolling beach
Trail in a hollow 15 ft.

6

2610

Salt Lake Meridian.

- 6 chains. deep 300 ft. wide course E & W.
4000 set a gray lime stone 16x12x8
ins. 1/16 ins. in ground for 4 sec.
Cor., marked 4 on W. face and
raised a mound of earth and
stone along side
- 57.78 Road from Frisco via
Burbank P.C. to Seola
course N.W. and S.E. a cor-
ral about 4 chs. W. and
a large spring about 10
chow. of fine good water
- 6460 A fence course N. 63° 4' E and
S. 63° 4' W. corral and stack
yard 150 ft. S. W. Mt. Wm
Burbanks house of four
log rooms bears S. 85° 10' W.
about 4 chs. dist. this is the
Burbank P.C.
- 65.50 Water ditch 3 ft. wide runs N.W.

244 Subdivision S. 22 S. R. 19 W.

Chain	heads at Spring N. 60° E about 4 Ch. dist.	One
66.80	Spring branch 5 Ch. wide runs S.W.	2
75.00	Leave garden fence bears N. 60° E and S. 60° W. contains about 8 Acre.	140
85.00	Set a gray lime stone 16 X 12 X 8 ins H. in ground for the cor. to Secs. 28, 29 32 E. S. 3 marked 1 notch and 4 notches E. edges and raised around of earth and stone along side Land gently rolling bench Soil mixed with gravel Drainage No timber	79

East on a random line bet. sec'd.

Salt Lake Meridian.

Chains	28 and 33	$\frac{1}{2} 8^{\circ}$
		Vt 16° 20' E.
	Over gently rolling bench	
	Ascend	
40.00	Set a temporary 4 sec cor	
79.88	Intersected N. and S. line	
	35 mrs. N. of the cor. to sec.	
	28, 29, 32 and 33. Then from	
	N. $89^{\circ} 45'$ W. on a true line,	
	bet. sec. 28 and 33. with samulta.	
39.97	Set a gray lime stone	
	14 x 12 x 4 mrs. 9 mrs. in ground	
	for 4 sec. cor. Marked 4 on	
	N. face and raised a mound	
	of earth and stone along	
	side.	
79.88	The cor. to sec. 28, 29, 32 $\frac{3}{4}$	
	33. Land gently rolling bench	
	soil mixed with gravel 2nd rate	
	No timber	

Subdivisions J. 22 S. R. 19 M.

Chains.	North between Secs. 28 & 29 Va. $16^{\circ} 20' E.$
11.50	Over gently rolling bench Hollow, about 20 ft. deep 250 lks. wide course W.
16.00	Hollow about 30 ft. deep and 300 lks. wide course N. W.
40.00	Set a gray limestone 16x12x8 in. 11 in. in ground, for cor. cor. marked $\frac{1}{4}$ on W. face raised a mound of earth stone along side.
60.00	Hollow about 20 ft. deep 200 lks. wide course W.
70.50	Hollow about 25 ft. deep and 300 ft. wide course W.
80.00	Set a gray sand stone 14x12x6 in. 9 in. in ground for the cor. to Secs. 20, 21, 28 and 29. Mark ed 2 notches S. and 4 notches E.

Salt Lake Meridian.

W.		
Aug 29	Claims	Edges and raised a mound of earth and stone alongside. Land gently rolling bunch soil, mixed with gravel & grate.
leach		"No Timber"
50 lbs.		
baud		
12x8		
spur.		
end		
th end		
200	40.00	East, on a random line bet. secs. 21 and 28 Va $16^{\circ}20' E$. Ascend gently rolling bunch Set a temporary 4 sec. cor. Intersect N. and S. line 77 thks. N. of the cor. to secs. 21, 22, 27 and 28. Hence from
1300	79.50	N. $89^{\circ}27' W$. on a true line bet secs. 21 and 28 with same Va.
X12X6		
cor.		
mark-		
les co.		

248

233

Subdivisions T. 22 S. R. 19

BC

W.

Chain.

Chain

39.75 Set a gray limestone 14x
8x6 ins. 9 ins. in ground
for 1/4 sec. cor. mark-
ed 1/4 on N. face and raised
a mound of earth and stone
along side.

300

79.50 The cor. to secs. 20, 21, 28nd
29.

400

Land bench sloped gently
toward west.

5%

Soil, mixed with gravel
2nd rate.

680

No timber.

75.

North, bet. secs. 20 and 21.

At $16^{\circ} 20' E.$

81.

Over gently rolling bench

24.30 Trail course N.E. & S.W.

26.50 Wash 3 ft deep 30 ft wide

W. Salt Lake Meridian.

Chain	Course S.W.
3.000	Wash 3 ft. deep 20 ft wide, at foot of mountain course S.W. and N.E. ascend
4.000	Set a blue lime stone 14x12x4 ins. 9 ins. in ground for 4 sec. cor. Marked 4 on W. face and raised a mound of earth and stone along side.
5.000	To bottom of hollow about 50 ft. below ridge course W.
6.000	Top of mountain about 300' above last sec. cor. course W. descend
7.5-8.0	Hollow about 100 ft. below ridge
8.000	Set a blue lime stone 18x12x6 ins. 12 ins. in ground for the cor. to sec. 16, 17, 20 and 21. Marked 3 notches & and 4

250

236
Subdivision J. 22 S. R. 19 W.

Chains notches E. edges. and raised a mound of stone along side. Land rolling bench and rocky mountain. Soil mixed with rock and gravel $3\frac{1}{2}$ " and $4\frac{1}{2}$ " thick Mountain on 50' elev.

80.

East, on a random line, bet. sec. 16 and 21.

40.

1/2 a $16^{\circ}20'E.$

Ascend rough rocky mountain.

Ascent abrupt.

80.

Top of mountain about 400 ft. above sec. cor. course

N. E. and S. W. descend

Descent more gradual

Set a temporary sec. cor.

Wash 3 ft. deep 80 lbs. with course S. $10^{\circ}W.$, ascend

Salt Lake Meridian.

- Chain: granite slope
80.16 intersect N. and S. line 30
lks. S. of the cor. to Sec 15, 16, 21 and
22. Thence I run
 $8.89^{\circ} 47' W.$ on a true line,
bet. Secs. 16 and 21 with
same Va.
40.08 Set a gray lime stone 18X
10X 3 ins. 12 ins. in ground for
 $\frac{1}{4}$ sec. cor. marked 4 on N.
face and raised a mound
of stone along side.
80.16 The cor. to Secs. 16, 17 20^{ed}
21. Land rolling mountain
soil mixed with rock
and gravel 3rd and 4th rate
mountain or 80.16 ch.

North bet. Secs. 16 and 17.

252

Subdivision I. 23 S. R. 19 W.

237

B

Chains

Va. 16° 20' E.

Chains

10.00

Ascend $\frac{2}{3}$ over rocky mountain.
Top of hill about 100 ft. high
course E. and W.

60.00

17.50

Top of spur of mountain about
150 ft. high course E. and W.

80.00

32.00

Bottom of hollow about
150 ft. below ridge course E.

37.00

Bottom of hollow course E.
Ascend

39.00

Top of ridge about 100 ft
high course N. W. and S. E.

40.00

Set a gray lime stone 18x12x
8 ins. 12 lbs. in ground for
 $\frac{1}{4}$ sec. cor. marker at one
face and raised a mound
of stone along side.
Ascend

45.00

Top of mountain about 200 ft.
high course W. descend.

Salt Lake Meridian.

Chms.	
60.00	abruptly Wash 4 ft deep 50 ft wide. Course W. and ascend Set a blue lime stone 16x12 x10 in. 11 in. in ground for the cor. to Sects. 8, 9, 16 and 17 marked 4 notches on S. and E. edges. and raised a mound of earth and stone along side. Land mountains soil, mixed with gravel and rock $3\frac{1}{2}$ " and $4\frac{1}{2}$ " rats Mountains on so. chs.
	East, on a sandstone line, bet.- Sects. 9 and 16 Lat. $40^{\circ}20' E.$ Over gently rolling Mountains.

254

Subdivision 23 9 S. R. 19 W.

Chain

40.00

80.50

40.25

80.50

Set a temporary ¼ sec. cor.

Intersect Nada S. line 50^{ft} 4^{1/2}
S. of the cor. to Secs. 9, 10 & 16.

Thence from

S. 89° 03' 8" W. on a true line bet.
secs. 9 and 16, with same Va.Set a blue limestone 14x10x7
ins. 9 ins. in ground for ¼ sec.
cor. marked 4 on N. face and
raised a mound of earth
and stone along sideThe cor. to Secs. 8, 9, 16 &
17. Land rolling mountain.
soil, mixed with rock and
gravel 3^{1/2}" and 4^{1/2}" rate.
Mountains on 80.50 chs.

North bet. secs 8 and 9

Salt Lake Meridian.

Chain.

Va. $16^{\circ} 20' E.$

- 4400 Over mountains. Ascend
Set a blue lime stone 14
 $\times 8 \times 6$ ins. for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on W. face and
raised a mound of earth
and stone along side
- 8000 Set a blue lime stone 24
 $\times 12 \times 10$ ins. 18 ins. in a mound
of stones on a ledge of lime
stone for the cor. to sec.
- 4, 5, 8 and 9, marked 5 notches
S. and 4 notches E. edges
and raised a mound of
stone along side.
- Land rolling mountain
soil, mixed with rock
and gravel 3rd and 4th rate
mountains at 80.00 elev

247

Subdivisions T. 22 S. R. 19 W.

Chain.	Description	Chain
	East, on a random line, bet. secs. 4 and 9.	402
5.00	Va. $16^{\circ}20' E.$ Over rolling mountains, de- scend.	804
30.00	Foot of ridge course N. $45^{\circ} S.$ about 100 ft below ridge.	
38.00	Foot of ridge, ascend	
40.00	Top of ridge about 150 ft. above foot course N and S.	
40.00	Set a temporary & sec. cor., descend	
60.00	Foot of ridge about 400 ft. below top course N. S. over rolling ground	
80.40	Intersect N. and S. line 42 Mts. N of the cor. to Secs. 3 4, 9 and 10. Thence to run N. $89^{\circ}42' W.$ on a true line bet. Secs. 4 and 9 with same	407.0 79.6

242

Salt Lake Meridian.

Chain Va

- 40.20 Set a blue lime stone 14x8x
7 ins. 9 ins. in ground for
sec. cor. Marked & on N.
face and raised a mound
of stone along side
The cor. to sec. 4, 5, 8 and 9
Land mountainous
soil mixed with rock and
gravel 3rd and 4th rate
mountains on 80, 40 chs.

North, on a random line,
bet. sec 4 and 5

Va $16^{\circ} 20' E.$

Over broken and rocky
ridges

- 40.00 Set a temporary & sec. cor.
79.60 Intersect N. boundary of

Subdivision S. 22 S. R. 19 W.
S. 43

18 chas

township 50 m. E. of the cor. to
secs. 4, 5, 32 and 33 (for des-
cription see exterior notes)

Hence from

S. $8^{\circ}21' E.$ on a true line bet
secs. 4 and 5. with same Va.

39.60

Set a blue lime stone 16x10x6
ins., 11 ins. in ground for 4 feet.
cor. marked $\frac{1}{4}$ on W. face, and
raised a mound of stone
along side.

79.60

The cor. to secs. 4, 5, 8 and 9
Land rolling and rocky
mountain. On 79.60 chs.
Soil mixed with rock &
gravel 4^{th} rate

March 16th 1882.

2

8

16

4

Salt Lake Meridian.

Chain from the cor. to sec 5, 6, 31nd
 32 on the south boundary
 of the township, which is a
 gray limestone, 18x12x4
 ins. firmly set in the
 ground and marked 5
 notches E and 1 notch W.
 edges with a mound of stone
 and earth along side draw
 North, bet. sec 31 and 32
 Va 16° 28' E.

Over bench slopes gently to-
 ward E.

- 2.28 Trail course E. and W.
 8.30 Trail course E and W.
 13.45 Road from Salt Marsh to
 Rock Course N. E and S. W.
 4.000 Limestone 14x8x4 ins
 ins. in ground for "4" cor mark-
 ed on W. face, dug pit 18x18

245
Subdivisions S. 22 S. R. 19 W.

		Okn
Claims	x 12 ins. N. and S. of stone 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth 1 $\frac{1}{2}$ ft. high 3 $\frac{1}{2}$ ft. base along side	
61.88	Wood road course N.E. and S.W.	13 ⁰
63.75	Wash 10 ft. deep 60 ft. wide course E.	
68.65	Trail course N.E. and S.W.	15 ⁰
73.25	Trail course N.E. and S.W.	
80.00	Set a cobble stone 14X6X5 ins. 9 ins. in ground for the cor. to sec. 2, 9, 3 $\frac{1}{2}$, 31 and 32, marked 1 notch S. and 5 notches E. edges dug pits 18X18X12 ins in each sec. 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high 4 $\frac{1}{2}$ ft. base along side.	24 ⁰
	Land gently rolling and sloping back, soil sifted with gravel Dr. gate "No timber."	3 ⁰
		4 ⁰
		5 ⁰

Salt Lake Meridian.

Chain East, on a random line bet.
secs 29 and 32.

VA 16220° E.

Descend gently sloping back.
Wash 50 Mrs. wide 10 ft. deep
course N.E.

13.00 Road from Rockville via the
Keckham ranch course N.W.
and S.E.

20.00 To point from which William
Atkinson's House bears N.
21¹/₂° E.

23.80 Road course N.W. and S.E.
40.00 Set a temporary $\frac{1}{4}$ sec. cor.
44.40 Trail course N.W. and S.E.
45.75 Wash 10 Mrs. wide 3 ft. deep
course N.E.

57.00 Road course N.W. and S.E.
62.50 Lake Creek 7 ch wide 18 in.
deep runs N.W.

262

Subdivision 247 J. 22 S.R. 1900.

Chains.
71.17

Road from Frisco Va Burr
bank R.P.Q. to Oscola course
N. and S.

71.50

Leave creek bottom and go
east bank. Course N. 20° W. & E.
20° S.

72.50

Top of abrupt bank 15 ft
high course N. and S.

79.50

Intersect. N. and S. line 72 lk.
N. of the cor. to feet 28, 29, 32 $\frac{2}{3}$
33. Thence down
N. 89° 29' W. on a true line bet.

Sec. 29 and 32 with same Va
Set a cobble stone 16 X 10 X 8 ins.
11 ins. in ground for 4 sec. cor.
Marked & on N. face, dug pits
18 X 18 X 12 ins. to and W. of cor.
5" aft. dist. and raised a
mount of earth 1 $\frac{1}{2}$ ft.

Salt Lake Meridian.

9.00		
Burr course	7952	high 3' off base along side
2.00 =		The cor. to Secs 29, 30, 31 and
W.M.S.		32. Land quite rolling bench and bottom soil, st and dry rate. "No timber"
5 ft		
ce 72 lk		West. on a random line,
29, 32 2/4		bet. Secs. 30 and 31
in bet.		Va 16° 20' E.
ave Va 0x8 ins.	5.00	Ascend gently sloping bench
4 per cent. dug pits	40.00	Wash, 10 ft. deep 30 ft. wide, course N. 60° E.
r. of cor.	70.00	Set a temporary 1/4 sec. cor. Old Road from Salt Marsh To Rioche course N. 20° E 1/4
sea 1" off.		120° W.

264

Subdivision P. 2 S. R. 19 W.

BC

Chains.
79.98Intersect W. boundary of
township 30 Mts. N. of the cor.
to Secs. 25, 30, 31 and 32.

Chains.

250

for description see exterior.

Notes. Thence from

32.00

N. $89^{\circ}47'W.$ on a true line, bet.
secs. 30 and 31 with same sta.

37.30

39.98 Set a cobble stone 16 X 10 X 8
ins. 11 ins. in ground for 4 sec
cor. marked $\frac{1}{4}$ on N. face
dug pits 18 X 18 X 12 ins. E.
and W. 5 ft. dist. and raised
a mound of earth $1\frac{1}{2}$ ft. high
 $3\frac{1}{2}$ ft. base along side.

40.00

42.50

79.98

Th. cor. to Secs. 29, 30, 31 and 32.

46.70

Land bench slopes gently E.
soil mixed with gravel
2nd water

No timber

46.70

6700

Chain. North. bet. Secs. 29 and 30

Va $16^{\circ} 20' E$

- 250 Over gently rolling bench
A wash 10 ft. deep 30 lms. wide
course N. E.
- 32.00 Descent into hollow course
N. E.
- 37.50 Foot of bench at S. side of
hollow about 20 ft below top
- 40.00 Set a cobble stone 14X10X8 in.
9 in. in ground. for type
cor. marked $\frac{1}{4}$ on W. face and
raised a mound of earth
and stone along side.
- 42.50 Wash 3 ft. deep 30 lms. wide
course N. E.
- 45.70 Off bench on N side of hol-
low about 40 ft. deep course
N. E.
- 52.00 Hollow 30 ft. deep 200 lms.

Subdivisions T2 D.S.R. 1900.

Chains	wide course N.E.	Chains
53.25	Road course S.E. and N.W.	
61.00	Foot of beach and enter grass wood and bottom S.W. and S. E.	
63.00	Old road course N.W. and S.E.	
7600	South bank of Sheep Lake. Set a cobble stone 14x8x6 ins. 9 ins. in ground for meander cor. to fractional sec. 2, 9 and 30 marked M.C. on S. face, dug pit 3 ft. sq. 12 ins. 40. deep 8 lks. S. of Post and raised a mound of earth 2 ft. high 4" n ft base along side.	22
	Land gently rolling beach and bottom Soil 2 nd and 1 st rate greasewood on 1 st class.	42.
		43

252
Salt Lake Meridian 267

Chain. From the cor. to secs. 20
21, 28 and 29. From
W on a true line, bet. secs.
20 and 29.

Via $16^{\circ}20' E.$

Knowing it will strike
the easterly shore of Brush
Lake in less than 80. chs.
descend gently rolling bench

Bottom of hollow about
30 ft. deep course S.W.

Set a gray lime stone 14X12
X10 ins. 9 ins. in ground for
 $\frac{1}{4}$ sec cor. marked $\frac{1}{4}$ on N.
face and raised a mound
of earth and stone along
line

42.26 Foot of bench about 40 ft. below
top and enter greater wood
Road from Frisco via

4300

275 3
Subdivisions J. 22 S. R. 19 M.

Chain. Burlank P. C. Course N. 20° W.
and S. 20° E. To Osceola
East. bank of Piney Lake.
Set a lime stone 16 X 14 X 6 ins.
11 ins. in ground for meander
cor. to fractional sec. 28rd
29 marked M. C. dug a
pit 3 ft. square 8' W. east.
of stone and raised a mound
of earth 2 ft. high 4' n. ft base
along side
Land gently rolling bench
soil mixed with gravel &
black loam 1st and 2nd rate
Greasewood on 4. 40 ch.

From the cor. to sec. 19, 24.
25 and 30 on w. boundary
of Township 7 m.

Salt Lake Meridian.

w.	Chain	E ast, on a true line bet- scts. 19 and 30 Va $16^{\circ} 20' E.$ Knowing it will strike the westerly shore of Provo Lake in less than 80 chs Over gently descending beach Wash 1 ft. deep 20 chs. wide course S. E.
Re.	13.6	Same wash 1 ft deep 20 chs wide, course N. $70^{\circ} E.$
us.	18.60	Old salt road leading from salt marsh to Rock course N. $20^{\circ} E$ and S. $20^{\circ} W.$
er	22.41	Set a granite stone 14x10x8 ins. 9 ins. in ground for 4 sec cor. marked $\frac{1}{4}$ on N. face and raised a mound of earth and stone 1 $\frac{1}{2}$ ft. high 3 $\frac{1}{2}$ ft. base along side.
8 th	40.00	
a		
est.		
nd		
base		
uch		
Ced		
rate		
1.		
24.		
uy		

0 chains.	
62.50	Wash 20 ft. deep 200 ft. wide course N. W.
66.90	Road course N. W. and S. E. To descent from bench course
71.16	N. W. and S. E.
73.90	Foot of bench 20 ft below top course N. W. and S. E., an old road same course Enterbrush
77.70	West bank of Priest Lake. Set a cobble stone 14x8x6 in 9 ins. in ground for meander Cor. to fractional Sec. 19 $\frac{1}{4}$ & 30 Marked M. C., and dug a pit 3 ft. sq. 12 ins. deep 8 ft. N.W. of cor. and raised a mound 2 ft. high 4 ft. base along side Land gently rolling bench soil mixed with gravel

R. 19 W. Salt Lake Meridian

Chain 1st and 2^d rate

Undergrowth greasewood on
3.80' Chs. March 17th 1882.

On the night of March 17th
1882 I took an observation
on the star Polaris in ac-
cordance with instructions
contained in the manual of
surveys and drove pickets
on the line thus established
before commencing this
line. I set my compass on
the line established last
night and find it correct.

From the cor. to sect. 16, 17, 20
and 21 I run
West, on a true line but

2-57 J. 22 S.R. 1911

Chains 17 and 20

Ch.

	Va. 16° 20' E.
	Over broken and rocky ridge, descending
3.50	Wash 3 ft. deep 20 ft. wide comes S.W.
40.00	Set a blue lime stone 24 x 24 x 12 ins. 18 ins. in ground for $\frac{1}{4}$ sec. cor. MARK=ed "4" on N. face, and raised a mound of stone along side
56.00	Top of ridge about 150 ft high course S 20° W and N 20° E. descend smooth ridge
74.12	The road leading from Fred. to Ossocela via Barbau bears N. and S.
80.00	Set a blue lime stone 18 x 12 x 10 ins. 12 ins. in ground for cor. to Secs. 17, 18, 19, and 20.

Salt Lake Meridian.

Chains	marked 3 notches S. and 5 notches E. edges and raised a mound of stone along side
Course	Land E $\frac{3}{4}$ mile broken rocky mountain ridges.
240 and M=	Soil 4 th rate W. $\frac{1}{4}$ mile gently sloping soil mixed with gravel 3 rd rate
ied nde high	Mountain on 80 chs.
Prin bank	South bit. Sec. 19 and 20 Va. $16^{\circ} 20' E.$
about	descend
12 for 20.	Road leading from Snake Creek to dam in Lake Cor. course N.E and S.W. enter brush Road to dam course E and W. North bank of Poress Lake
9.55	
11.50	

274

250

Subdivisions Township 27d.

Chain

Set a blue lime stone 14x12x10
ins. 9 ins. in ground for meander
cor. to fractional Secs. 19 and 20.
Marked M.C. dug a pit 3
ft. square 12 ins. deep N. of
stone 8 Wks. dist and rais-
ed a mound of earth 2 ft.
high 4 $\frac{1}{2}$ ft. base along side
land sloped S.
Soil 1 $\frac{1}{2}$ and 3 $\frac{1}{2}$ rate.
Undergrowth greasewood on
4.30 Cle.

West on a random line bet.
secs. 18 and 19

Wa 16° 20' E.

Over rolling ground
Top of rocky ridge course S.
Descend perpendicular bank

4.00

8.50

S. R. 19 W. Salt Lake Meridian.

2x10 under 220. it 3 r. of ais- ft. side low line bet. E. d se S. r tank	Chain. 9.50 10.00 13.50 29.70 38.00	20 ft. to creek bottom, course N. 20° W. and S. 20° E. Lake creek 25' wide 2 ft. deep rapid current gravelly bottom runs N. Top point, from which a bow- ery bears S. about 2 cts. down across Lake creek and mouth of Pross Lake is 4 cts. S. Indian Captain George is farming about 2 acres S. line of his fence is about 250 fts. N. W. bank. The big wash em- pties into lake creek here is about 5' deep. S. ascend abruptly 20 ft. to top of bank Road from salt marsh to picche course N. and S. sharp bank ascends S.W. & N.E.
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26
Subdivisions S. 22 S. R. 19 M.

Chain	Description	Chain
40.00	Top of bench, and set a temporary $\frac{1}{4}$ deg. cor.	
80.80	Intersect West boundary of Township 80 Mts. S. of the cor. To Secs. 13, 18, 19 and 24	700
	Thence down	
S. 89° 26' E. on a true line bet.	Secs. 18 and 19 with same Va.	1820
40.80	Set a conglomerate stone 24X12X70 in., 18 in. in ground	25.75
	for $\frac{1}{4}$ sec. cor., marked 40 m. N. face and raised a mound of earth and stone alongside	30.00
80.80	The cor. to Secs. 17, 18, 19 and	40.00
	20. Land gently rolling, bench,	
	Soil, mixed with gravel and rich loam stand back rate	
	No timber	45.00

Salt Lake Meridian

Blanks.	North bet. Secs 17 and 18. Lat 46° 28' E
700	Ascend gently sloping ground Top of Mountain about 100 ft above Trout Lake course E and W.
1820	Wash 12 ft. deep 35 lbs. wide course S.W. and across beach
25.75	Road from Oscoda via Burbank P.C. to Frisco Course N.W. and S.E.
30.00	Foot of Mountain course N.W. and S.E.
40.00	Set a gray lime stone 14x12x 8 ins. 9 lbs. in ground for sec. cor. marked 4 on W. face, and raised a mound of earth and stone alongside.
45.00	Top of spur of ridge about

278

T²⁶³
Subdivisions T. 22 S. R. 19 W.

Chain.	Chain
49.00	30 ft. above " + sec. cor. Indian trail in a hollow course N.E. and S.W.
63.00	Top of ridge about 300 ft. above valley course S.W. 18.00
80.00	Set a blue lime stone 20x12x8 ins. 15 ins. in ground for cor. to secs. 7, 8, 17 and 18, marked 4 notches S. and 6 notches E. edges 40.00
+	and raised a mound of earth and stone 2 ft. high 4 ^{1/2} ft. base along side 80.6
	Sand loam and mountain soil mixed with rock and gravel 40
	3 rd and 4 th grade
	mountains on 61 class
+ <i>lawn and</i>	East, on a random lime bat. secs. 8 and 17 80

Chains.

Va $16^{\circ} 20' E$ Ascend over rolling moun-
tain18.00 Top of mountain ridges about
300 ft above sec cor courseN. and S. descend rolling
ground4.00 Set a temporary sec cor
Intersect N. and S. line 35'-
Lks. N. of the cor to secs. 8, 9
16 and 17. Prince stone
N. $8^{\circ} 45' W.$ on a true line
bet. secs 8 and 17. with same Va40.00 Set a gray lime stone 14×12
 $\times 3$ ins. high in ground for 4
sec. cor. and raised a mound of
stone $1 \frac{1}{2}$ ft. high 3 ft. base
along side.80.00 The cor. to secs. 7, 8, 17 and 18
L and high clay and broken

280

Subdivision P. L. S. R. 1915.

Chains soil mixed with rock and
gravel 4th rate
Mountains on 80-60 chs.

X

West, on a random line bet. nos.
7 and 18

Via 1620' E.

Over gently rolling mountains
Ascend

1.40 Top of ridge about 30 ft. above
corr. course road S.

2.718 Road from Frisco via Bar
bank P.O. course road S.
at foot of mountain

28.00 Wash 20 ft. deep 200' W. road
course N. W.

2810 Lake creek 15' W. with 3 ft. deep
mud N. 20° W.

40.00 Set a temporary t'sector. The

- Chasm. S.W. cor. of a plowed field beyond.
 40.60 Road from Salt Marsh to
 Rio Grande bars N. and S.
 47.68 Top of beach 20 ft high N.E. of D.M.
 66.18 Bottom of hollow 20 ft deep course
 N.E.
 71.80 Bottom of hollow about 18
 ft deep course N.E.
 80.68 Intersect W. boundary of the
 township 70 lks. N. of the
 cor. to Secs. 7, 12, 13 and 18
 Hence from
 N. 89° 30' E. on a true line
 bet. Secs. 7 and 18 with same N.E.
 Let a conglomerate stone 30x10
 x8 ins. 22¹/₂ ins. in ground for
 1/4 sec. cor. marked & on N. face
 and raised a mound of
 earth and stone along
 side, from which cor. traces

Subdivisions ^{26 ft.} J. C. C. S. R. 19 W.

Chain
80.68

A. Freeman's house bears N. 46° E.
The cor. to Secs. 7, 12, 13 and 18.
Land nearly level and rolling
soil and a ^{good} ~~and~~ 3rd rate
mountains on 2 7/8 chs.

March 7th 1882.

North bet. Secs. 7 and 8

N. 16° 20' E.

Over rolling mountains,
ascending along w. slope

Top of ridge about 400 ft. high
course w. descend

Set a blue lime stone 24X8X14
ins. 18 ins. in ground for 4 sec. cor.
marked & on w. face and raised
a mound of earth and stone 1^{1/2}
ft. high 3 " ft. base along side
descending

Set a blue lime stone 14X10X8

Blair

inv. 9 ins. inv ground for the cor.
to sec. 5-6-7 and 8 marked
5 notches N. and 5 notches
E. edges, and raised a mound
of earth and stone 2 ft. high
14" ft. base along side

Land rolling Mountain
soil mixed with rock 4th rock
mountains on 80 elev.

X

East, on a sandstone line bet.
sec. 5 and 8

N. 16° 20' E.

Over rocky Mountain ridge
ascend

Top of rocky ridge about 80
ft. above cor. course N. and S.

Top of sharp spur of ridge
course N. and S. descend

4X10X8

281

Subdivisions, J. 22 S. R. 19 M.

Chains	
35.00	To bottom of hollow course N. about 400 ft. below ridge
40.00	Set a temporary & see cor. as need
75.00	Top of ridge about 600 ft. above last " & see cor. course N and S. Intersect N and S. line 60 Wks N of the cor. to Secs 4, 5, 8 and 9 Then to Town
80.40	N. 89° 34' W. on a true line bet., secs. 6 and 8. with same N.
40.20	Set a blue limestone 14x10x8 in. 9 in. in ground for gen cor. marked 4 on N face and raised a mound of earth and stone along side
80.40	The cor. to secs. 5, 6, 7 and 8. Land high and rocky mountains, soil 4th rate

Chain Monuments on 80 40 chs.

	X	
	X	West on a random line bet. Secs 6 and 7 Va 16° 20' E.
above	3	Over rolling mountain.
d.s.	3050	East line of Samuel Fournier's farm bears N. 12 1/2° E. S. E. cor is N. about 4.00 chs
60		Leave mountain and cross bottom course N. and S.
and 9		
bet.		
x8	34.50	Enter willow's course N. and S.
etc	35.50	Ditch which is the present channel of Lake Cr. 18 in deep.
		15° chs. wide runs N.
side	37.50	The East line of Francis A. Fournier's farm course N. and S. Enter cultivated field and leave willows
etc		

Chains	
40.00	Set a temporary '4 sec cor.
45.30	Leave Cultivated land and enter greaswoods course S. 12° W and N. 12° E
55.00	Leave greaswoods and cross bottom and ascend gently sloping bench
59.80	N. W. cor. of Fournais field bears N. $90^{\circ} 30' E.$; S. W. cor. bears N. $20^{\circ} W.$
80.50	Intersect W. boundary of township 5-0 less N. of the cor. to less. 1, 6, 7 and 12. for descrip- tion see exterior notes survey- ed by my self. Thence draw N. $89^{\circ} 38' E.$ on a true line betw. sec. 6 and 7 with same Va.
40.50	Set a post 3 ft. long 3 ins. square, with a marked sta-

Salt Lake Meridian

Searles

12 ins. in ground, for $\frac{1}{4}$ sec. cor.
 marked 4 & 5 on N. face; dug
 pits $18 \times 18 \times 12$ ins. E. and
 W. of post $5\frac{1}{2}$ ft. dist.,
 and raised a mound of earth
 $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base,
 around post. from
 which Samuel Fournais
 house bears N. $30\frac{3}{4}^{\circ}$ W.;
 S. E. cor. of Samuel Fournais
 field bears N. 76° E.

Francis H. Freeman's
 house bears S. $7^{\circ}15' E.$
 The cor. to secs. 5, 6, 7 and 8
 Land mountains, beach and
 creek bottom

Soil 1st red and 3rd rate
 mountains on 30.50 cts. under
 growth willows and greasewood
 on 12.70 cts = Total mountains red

287A

273

Subdivisions T. 22 S.R. 1900.

Chains.

under growth on 43.50 chs.

in.

and.

earth
from
pump

N. 82'

W. 11

N. 84

The c

Lan

tain

soil.

from

mudle

North, on a random line.
bet. secs. 5 and 6.

Va. 16° 20' E.

Descend gently rolling
mountain.

070

Descend not steep.

20.00
40.00
~~55.00~~
80.70Set a temporary 4 sect cor.
200 foot of mountain out after brush
Intersect N. boundary of
township 72 lbs. E. of the
cor. to secs 5, 6, 31 and 32.Surveyed by my self Thurs
Joun.S. 31° E. on a true line bet
secs. 5 and 6 with same Va.Set a blue lime stone 14x10x
in 9 ins. in ground, marked
1/4 on W. face, for 4 sect cor.Mo
LokI com
Cor. to

Salt Lake Midian

and raised a mound of earth and stone along side from which N. E. cor. of Samuel Fournier's field bears 15.82° W.; N. E. cor. bears $15.77\frac{1}{4}^{\circ}$ W. N. W. cor. of Mr. field bears $N. 84^{\circ}$ W.

The cor. to sec. 5, 6, 7 and 8.

Land gently rolling mountain and bottom soil 3rd rate and 1st rate mountain on 75 chs.

Undergrowth grashwood on 6.70 chs.

Meanders of the Provo Lake

Commence at the meander cor. to fractional secs. 20th

268A

Subdivisions 275 S.R. 19 W.

Chains. 29. Thence down with stream
meanders in sec. 29.

Ta. 16° 20' E.

Sloping bank about 6 ft. above
water. Through brush
S. 21° E 18.00 chs.

S 46° W. 17.50 " at 6.50 chs.

Atkinson field,
course S. on
14.50 chs. Lake
300 ft. wide 4

N. 49° W. 15.00 chs.

N. 46 1/2 W. 22.00 " at 9. chs. N. 6

Atkinson field
Leave field
S 15° E.

To meander cor. to fraction
secs. 29 and 30

Land mostly level bottom
soil black loam 1st rate

Salt Lake Meridian

with Shaws. undergrowth greasewood on
72.50 chs.

Thence in sec. 30.

Va. $16^{\circ}20'$

Over nearly level ground
Through brush.
N. $31^{\circ}7'$ 5.00 chs. To meander
cor. to fractional
secs. 19 and 30.

Land Level.

soil, black loam 1st rate
undergrowth, greasewoods, etc.

Thence in sec. 19.

Va. $16^{\circ}20' E.$

Over gently sloping brush
and Through brush

Subdivisions T. 22 S. R. 19 W.

6

N. 25° W. 9.80 chs.

N. 72° W. 13.80 "

N. 24° " 22.95 "

N. 15° E. 13.00 "

N. 76° " 5.00 "

A 37°, 17.50 "

N. 22°, 6.00 " To mouth of lake
dam bears N. 16° W.
about 300 lbs. to end
of dam

N. 83° E. 6.80 chs. To meander cor.
to fractional sec.
19 and 20

Land sloping back,
soil rich loam and gravelly
soil 1st and 2nd rate
undergrowth greenwood on 93.35 ac.

Thence in sec. 20.

Meanders. P. 22 of No. 19 W. 291

Va $16^{\circ} 20' E.$

Over level and sloping ground
Through brush

S $72^{\circ} E.$ 3.00 chs.

S $16^{\circ} E.$ 19.50 "

S $8^{\circ} W.$ 12.00 "

S $27^{\circ} W.$ 7.80 "

S $36^{\circ} E.$ 13.00 "

S $66^{\circ} E.$ 18.30 "

S $34^{\circ} E.$ 9.75 "

S $4^{\circ} W.$ 4.00 " To meander cor.

to fractional lots

20 and 24

Land nearly level and sloping
soil black loam and mixed
with gravel 1st and 2nd rates.
Undergrowth grasswood on $70.35'$

chs.

March 18th 1882.

The

Townshi
of the
Execute
Under...
of the...
in the n
having
correcti
field no
hereby

General Description
This Township contains nearly every variety of land from plains to mountains, and the soil ranges from bar rocks to rich loam, capable of producing abundant crops.

The soil of the mountain is in $\frac{3}{4}$ and $\frac{4}{5}$ rate. the bushes can be clapped as $\frac{2}{3}$ rate and it is all covered with grass and white sage good for grazing. There is abundant rocks for building and for lime on the Mountains.

There are settlers having farms in Secs 6, 7, 29 and 30.

Pruell Lake is situated in Secs 19, 20, 29 and 30 and is now used as a reservoir whose capacity can be greatly increased.

Andrew Stewart
W.S. Deputy Clerk

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, July 22nd 1882

The foregoing field notes of the survey of the

Subdivision

Township No. 22 S Range No. 19 W.

of the Salt Lake Meridian, Utah Territory,

Executed by Andrew J. Stewart, Jr.

Under his contract No. 103

of the 10th day of June 1881,

in the month of March 1882,
having been critically examined, the necessary
corrections and explanations made, the said
field notes, and the surveys they describe are
hereby approved.

J. D. Saloutou

U. S. Surveyor General for Utah.

REPORT: 1883

294

Filed.....

1882

Examined by.....

John O'Conor.

Compared by E. McDaniel & L. W. Clark

FIELD NOTES

OF THE SURVEY OF THE

*Fractional North
and South Boundaries,*

OF

Township No.

22 South

Range No.

20 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Andrew J. Stewart, Jr.

U. S. Deputy Surveyor,

Under his Contract No. 103

Dated June 16th 1881Survey commenced March 9th 1882

Survey completed " 1882

*26**84*

295 NAMES AND DUTIES OF ASSISTANTS:

James W. Stewart Compassman
Joseph F. Thompson Chainman.
Brigham J. Brown, Chatman.
George F. Robinson Chainman.
A. G. Earle Axeman.
Joseph R. Gyles Axeman.
James F. Gyles Chain Flagman.

John F. Bowditch 296
Exterior S. 22 S. R. 29 W.

On the night of March 8th 1882 I took an observation on the star Polaris in accordance with instructions contained in the Manual of Survey, and drove pickets on the line thus established.

Survey commenced March 9th 1882 with a Bunts improved solar compass examined and approved by the U. S. Surv. General of Utah before commencing this survey to test my compass on the line established last night and find it correct.

I begin at the cor to townships 22 and 23 S. R's 19 and 20 W. described in exterior Notes of R. 19 W. T. 22 S. of my present

297

South Boundary
Interior S. 22d R. 20th

BOOK

C. H. M.

work and run,

Knowing the Nevada line to
be within a mile.

Not on a true survey line
between Secs. 1 and 36

Ta. $16^{\circ} 28' E.$

Cover smooth and gentle at
Cushing branch

Find old 4 sec. cor a blue
limestone, $18 \times 12 \times 10$ in., marked
"4" lying on surface

Set old 4 sec. stone being a
white lime stone $18 \frac{1}{2} \times 3$ in.
12 in. in ground for re-established
4 sec. cor. raised a
mound of earth and stone
along side

Intersect the line between X
Utah and Nevada at a

Pins.

point 46.86 chains N. of
the 172 mile corner which
is a mound of earth well
defined, by which I found
original post rolled off
and lying on surface
marked L 39, Utah
Nevada, and 172

and at point of intersection
set a gray limestone 28X12
x 3 ins. 2 ins. in ground
for closing Cor. to Secs.
1 and 34, marked C.C.
1 notch E and 5 notches
W. edges and raised
a mound of earth and
stone 2 ft high & flat
base along sides
Land level bench as-
cends toward W.

299

283

BC

Exteriors T. 22 S., R. 20 W.

Chains Oil mixed with gas oil 2nd rate No timber	Chains
---	--------

North Boundary

From the cor to N.W. 2d Rd 68.70
 T. 22 S. R. 19 and 20 W.
 (Established by myself
 and returned under pres-
 ent contract.) I run
 West on a true line,
 between sec. 6 and 71,

Va. $16^{\circ} 20' E.$

Over nearly level ground
 Through brush
 Road from Frisco to
 Ociola Course N.W. 2d
 S.E.

30.00

Set a Cobble Stone 16*10x6

Salt Lake Meridian.

Chains ins. 11 ins. in ground for
sec. cor. dug pits 18x18x12
ins. E and W. of cor 5¹/₂ ft.
list, and raised a mound
of earth 1¹/₂ ft high. 3¹/₂ ft
base over it along side
68.70. Intersect the line bet Utah
and Nevada at a point 36
Chains N. of the 166 mile
cor. which is a mound of
earth quite perfect with
pits stake is gone (but
this cor. is in vicinity of
Indian Village and farms
on the Snake Creek which
accounts for its absence)
Set a cobble stone 15x10x3
ins 10 ins in ground for
closing cor to Secs. 6 & 31

301

285

Extents S. 22 8M 20 76

Taurus.

Marked C.C. w^t & 1-notch
E and S notches at edges.
and slope gentle toward
E. soil lean and mixed
with gravel 1 ft. and sand
rate

Undergrowth peashwood on
68.70 A.R.

March 9th 1882

For General Description
see Subdivision Notes

Andrew J. Stewart
R.S. Surveyor

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, July 22nd 1882

The foregoing field notes of the survey of the

Fractional Roads
and South Boundaries

Township No. 22 S. Range No. 20 W.

of the Salt Lake Meridian, Utah Territory,

Executed by Andrew J. Stewart Jr.

Under his contract No. 103

of the 16th day of June 1881,

in the month of March, 1882,

having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.

John Salmond
U. S. Surveyor General for Utah.

11.

BOOK-A-181

Township 22 S. **R.** 20 **W.**

						283
6	5	4	3	2	1	
+	+	+	+	+	+	294
7	8	9	10	11	12	
+	+	+	+	+	+	292
18	17	16	15	14	13	
+	+	+	+	+	+	290
19	20	21	22	23	24	
+	+	+	+	+	+	289
30	29	28	27	26	25	
+	+	+	+	+	+	287
31	32	33	34	35	36	
						286

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304

REPORT: 1883.

Filed

1882

Examined by John D. Campke.
Compared by J. D. Michaelis, L. W. Glickhoff.

FIELD NOTES

OF THE SURVEY OF THE

Fractional
Subdivision, Line

Township No. 22 South

Range No. 20 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Andrew J. Stewart, Jr.

U. S. Deputy Surveyor,

Under his Contract No. 103

Dated Jan 15 1881

1881

Survey commenced March 20 1882

Survey completed " 1882

23

305 NAMES AND DUTIES OF ASSISTANTS:

Compassman.

James W. Stewart Chainman.

Joseph F. Thompson, Chainman.

James F. Gyles Chainman.

George F. Robinson Axe Chainman.

A. G. Earle Axeman.

Joseph R. Gyles Axeman.

Graham J. Brown Chain Flagman.

hains.

On the night of March 19th
1882 I took an observation
on the star Polaris in accor-
dance with the instructions
contained in the Manual
of Surveyors, and drove
pickets on the line thus establish-
ed.

Survey commenced March
20th 1882 with a burts improv-
ed Solar Compass examined
and approved by the Gen.
General of Utah.

Before commencing this
Sur. I test my compass
on the line established last
night and find it cor-
rect

I begin at the cor to
secs. 25, 30, 31 and 36 (de-

Subdivided T. 22 S. R. 20 E.

Claims described in Exterior Notes of
T. 22 S. R. 20 E. Survey and
retained for my self at this
time a fence line
West on a true line bet.
p.c. 25 and 36.

Ta 16^o 21^m S.

- | | |
|--------|--|
| 21.97 | Road to Canon course
N. E. and S. W. |
| 31.75 | Wood road to canon course
N. E. and S. W. |
| 400.00 | Set a cobble stone 14X8X6 in.
9 ins. in ground for & marker.
marked # on N. face, dug pits
18X18X12 ins. E and W. of stone
raised a mound 1 $\frac{1}{2}$ ft. high
3 $\frac{1}{2}$ ft base along side |
| 700.00 | Intersect line between Utah
and Nevada 27.57 Chains
S. of Stake and Mound |

Salt Lake Meridian

308

Chains which is a perfect corner,
Post is 4 ins. Square timber
set in mound, marked L 37
W. Utah E. 170 S. and
Nevada W. faces, and at
Point of intersection set
a cobble stone 16 X 12 X 6 ins.
10 ins in ground for cor.
to fractional sec. 25th
36, marked C.C. with
1 notch E and 1 notch S. edge,
and raised a mound of
earth and stone along side
Land gutter sloping back
soil mixed with gravel 2 ins
rate

No timber



309.

Subdivision T27S. R27W.

Chains.

West on a True line bet-

secs. 24 and 25.

Ch

Va $16^{\circ} 20' E.$ Over gently sloping bench
Ascend

40.00 Let a cobble stone 16x10x6
-ins. 11 ins. in ground,
for "4 sec. cor

marked & on N. face for 4.
sec. cor., dug pits 18x18x12 ins.
E. and W. of cor. 5" in ft. dist.
and raised a mound of earth
 $1\frac{1}{2}$ ft. high 3' in ft. base along
side.

69.80 Intersect line between Utah
and Nevada 26 chains S.
of mound with post 4 ins
square marked Utah, 169.
Nevada and 37 rot

Salt Lake Meridian.

Claims

Ced off lying by mound
or set post in mound
and at point of in-
tersection set a gray lime
stone 18x12x10 ins. 12 ins.
in ground for closing cor.
to secs. 24 and 26, mark-
ed 1 notch E. and 2 notches
S. edges and raised a.

mound of earth and stone
along side.

Land gently sloping
brown soil mixed with
gravel 2" grade
"No Timber"

West, on a true line bet.
secs. 13 and 24.

At $16^{\circ} 20' E.$

311

292
Subdivisions T. 2 I. S. R. C. D. W.

Chains	Ascend gently sloping back	6
4.000	Set a gray lime stone 16X10X8 in. 11 in. in ground for spec. cor., marked 1/4 on N. face and raised a mound of earth and stone alongside	
6.940	Trail from Snake creek to big wash course S. 55° E and N. 60° W	
6.960	Intersect line between Utah and Nevada 26.30 chs. S. of cor. No — I find mound quite perfect but post is missing I raise a mound of stone on point for cor. and at point of intersection set a gray lime stone 18X10X6 in. for cor to fractional sec	7

Salt Lake Meridian

312

Chain 13 and 24, marked C.C.
with 1-notch E. and 8
notches S. edges, raised
a mound of earth and
stone along side.
Land, bench slopes E.
soil mixed with gravel
~~and rock~~
"No timber"

West, on a true line bet
secs. 12 and 13

Va $16^{\circ}20' E.$

Ascend gently sloping
bench.

40.00 P. eta conglomerate stone
14x12x4 ins. 9 ins. in ground
for '4 sec. cor., marked 4 on

Sub-divisions S. 22d R. 27th.

- Cham. N. face, and raised a mound
of earth and stone along side. The
69.20. Intersect line between Utah
and Nevada 26.60 Chs S. E.
The corner Mile No
—, I find mound
quite perfect but post
is gone, set a cobble stone
 $16 \times 10 \times 8$ marked — for
cor. on line bet Utah and
Nevada in old mound,
and at point of intersect
- tion set a gray lime
stone $16 \times 12 \times 6$ lbs. 11 lbs.
in ground — marked C.C.
with 1 notch E and 4 notches
S. for closing cor. to Secs
12 and 13. and raised a
mound of earth and stone
along side.

~~Salt Lake Meridian~~

Plains. Land gently sloping beach
soil 1 ft. fate.
No timber

West, on a true line bet=
secs. 1 and 12

Via $16^{\circ}20' E.$

Ascend gently sloping
ground

Set a cobble stone 14X12X6
in. 9 ins. in ground for 4
sec. cor., marked & on N.
face, dug pits 18X18X12 ins.
E. and W. of cor. 5' x 4' x 4'
and raised a mound of earth
1½ ft. high 3' x 4' base
along side

Wood road course N. E. and
S. W.

313

295

A
Subdivisions T. 22 S. R. 20 W.

Chains.

6875-

Intersect line between Utah
and Nevada at 25 chains S.
of mound which is quite
perfect, in field that has
been cultivated by Indians
containing about 3 acres, which
accounts for the absence of the
stalk). This is cor
No _____ and at point of
intersection set a cobble
stone 18X14X1 $\frac{1}{2}$ ins. 1 $\frac{1}{2}$ ins.
in ground ^{closing} for cor to frac-
tional Secs. 1 and 12 mark-
ed 1 notch E. and 5 notches
S. edges with C.C., dug
out 18X18X12 ins in
each sec. 5' n. ft. dist and
raised a mound of earth
along side.

Salt Lake Meridian.

Cham.

Land gently sloping
soil 1st rate, there is
a farm of 40 acres in
Sec. 1 and the Indians
have cultivated land on
Snake Creek in same Sec.
and in Nevada.

No timber

March 20th 1882.

General Description

The land in this frac-
tional ~~in~~ Township
is good 1st and second
rate land, with ample
water for irrigation from
Snake Creek and the Big
Wash. There is no settler
in the Township but a part
of the depositors Daniel

313

315

297

Cham
687.

A. Gonders stable corral
and about 40 acres of his
cultivated farm is in
Sec. 1 also (There is land
along Frable Creek which
runs through Sec. 1) culti-
vated by the Indians.

Andrew J. Stewart
W.S. Deputy Sheriff

BOOK-A-181

U. S. SURVEYOR GENERAL'S OFFICE, 316

Salt Lake City, Utah, July 22nd 1882

The foregoing field notes of the survey of the

Fractional
Subdivision lines

Township No. 22 S. Range No. 20 W.
of the Salt Lake Meridian, Utah Territory,

Executed by Andrew J. Stewart Jr.

Under contract No. 103
of the 15th day of June 1881,
in the month of March 1882,
having been critically examined, the necessary
corrections and explanations made, the said
field notes, and the surveys they describe are
hereby approved.

J. D. Salter
U. S. Surveyor General for Utah.

REPORT: 1883.

Filed

Examined by

John D. Camppe. 1882

Ed. Michaelis, L. W. Flicker

Compared by

FIELD NOTES

OF THE SURVEY OF THE

And Survey

Fifth Standard

Parallel South

Township No. 25 South OF

Range No. 9 West.

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Andrew J. Stewart Jr.
U. S. Deputy Surveyor,

Under his Contract No. 108

Dated March 16th 1881

1881

Survey commenced March 23rd 1882

Survey completed " 1882

1882

24

318 NAMES AND DUTIES OF ASSISTANTS:

James W. Stewart Compassman.
Joseph F. Thompson Chainman.
Brigham J. Brown, Chainman.
James F. Gyles. Chainman.
George F. Robinson Axeman.
A. G. Earle Axeman.
Joseph R. Gyles. AXE Flagman.

Resurvey Fifth Clau. Par. I. T. 25. S.R. 9 W.

Ls.

Survey commenced

Mch. 23rd. 1880

I begin at the stan. cor to Tps.
25. S. R. 9 W. 10 W., which is a
cedar post, 3 in dia. marked
Grouche on N. E & W. edges,
(No pits or mounds visible)
which I recut.

5.00

Then I run East on
true resurvey line with var
16° 30' E, being same as var
used by Julian Baumann
formerly, on S. bdy sec. 31
Cor. not found. Set bisected
stone, 24 x 8 x 5 in, 18 in in
ground, for $\frac{1}{4}$ sec. cor. marked
P. on N. face, dug pits
18 x 18 x 12 in, E & W. of stone
 $5\frac{1}{2}$ ft. dist. and raised a
mound of earth, $1\frac{1}{2}$ ft. high

320

BOD

P.

Resurvey Triple Stone Par. S.

obs 3 $\frac{1}{2}$ ft. low alongside
No cor. to be found. Set bastard
limestone, 18x10x6"; 12 in in
ground, for cor. to sec. 31 & 32
marked S. C. with 1 noted
on W. & 5 notches on E.
edges, drag pits, 18x18x12 in.
W. E & N. of stone, 5 $\frac{1}{2}$ ft. down \$72.00
and raised a mound of 73.00
earth, 2 ft. high, 4 $\frac{1}{2}$ ft. base \$0.00
alongside.

Land level
Soil, clay, Ind. rate
White sage along line

Each on true resurvey line
on S. body sec 32.

Var. 16° 30' E.

40.00 Cor. not found, set bastard

P. 25. S. R. G.W.

ch.s.

limestone, 18X18X6 in. Run in ground, for use cor. marked $\frac{1}{4}$ in. on W. face, & dug pits, 18X18X12 in. E & W. of stone.

$5\frac{1}{2}$ ft. dist. traced a mound of earth, 1 ft. high, $3\frac{1}{2}$ ft. base along side.

dist. 72.00

foot of knoll

Top. " " 8 ft. high

73.00

No cor. found, set limestone,

18X18X6, Run in ground for other

cor. to secs. 32 & 33, marked

2 notches on W. & 4 notches

on E. edges, both S. C. dug

pits, 18X18X12 in., N. E. & W.

of stone, $5\frac{1}{2}$ ft. dist. and

raised a mound of

earth, 2 ft. high, $4\frac{1}{2}$ ft. base along side.

pept. base

322

301

Fifth Stair Par. South

Land, level
 Soil gravelly and water
 Sage brush and Greasewood
 along line.
 End of reservoir.

East on S. bdy Rec. 33
 Va. $16^{\circ} 30' E^{\circ}$.

- 40.00 Set grey granite stone, 20x
 12x12 in., 15 in underground, for
 $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N.
 face, dug pits 18x18x12 in
 $E^{\circ} W.$ of stone $5\frac{1}{2}$ dist. &
 raised a mound of earth
 $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base along
 Set grey granite, 24x18x6 in.,
 18 in underground, for Stair.
 cor. to secs. 33 & 34, marked
 S. C. with 3 notches on $E^{\circ} W$
 edges, dug pits, 18x18x12 in.

T. 25. S. R. 9. T.

obs. N. E & W. of stone, 5 $\frac{1}{2}$ ft. dist.
 raised a mound of earth
 2 ft. high 4 $\frac{1}{2}$ ft. base alongside
 sand level.
 Soil gravelly & rocky, bad rate
 sage brush & bunch grass
 along line

East on S. bdy sec. 34
 Va 16° 30' E.

- | | |
|-------|---|
| 35.00 | Wash, 4 ft. deep, 25 lks. wide
runs N. 75° W. |
| 39.02 | Wash, 2 ft. deep, 20 lks. wide
dir. N. 80° W. |
| 40.00 | Bit grey granite, 14x10x6, said
in ground, for $\frac{1}{4}$ acre. cut.
marked $\frac{1}{4}$ on N. face, dug
pits, 18x18x12 E & W. of stone
5 $\frac{1}{2}$ ft. dist. raised a mound
of earth $1\frac{1}{2}$ ft. high 3 $\frac{1}{2}$ ft. base |

Fifth Stan. Par. South

chs.	alongside
41.00	Wood road from John D. Myths ranch to mountain, bs. N 80 W + S 80 E
60.00	Enter scattered cedars
50.00	Get grey gravel along 18x8x 6 in. 12 in. in ground, 5 ft. with marked 4 notches on N + 2 notches on E. edges, for
40	Stan. cor. to recs. 34 + 35, dig pits, 18x18x2 in., N. C. I.M. of stone, 5 1/2 ft. dist. + covered a mound of earth 2 ft. high 4 1/2 ft. base alongside land, ascending bank.
80.0	Soil gravelly ^{frsh} 3rd. rate Dense sage ^{frsh} along line
	East on S. bdg Rec. 35

P. 25. S. R. G.W.

		V. 16° 30' E. cedar 10' dia. on line, properly marked. Ravine, 6 ft. deep, dis. N. 10° W.
line & mountain	cha 21.50 36.50	Wash, 10 ft. deep, dis. N. 60° W.
	39.00	Set gray granite stone, 18x12x 4, 6 lbs in ground, for 1/4 sec. cor. marked $\frac{1}{4}$ or 1/4 M. face, 1 day pits, 18x18x8 in E 45° N. of stone, 5 1/2 ft. dist raised a mound of earth, 1 1/2 ft. high 3 1/2 ft. base along Ravine, 4 ft. deep, 37 lbs wide. dis. N. 80° W.
	45.00	Ravine, 10 ft. deep, 40 lbs. wide dis. N. 80° W.
ridge. ch.	66.00	foot of steep mountain descend. Set grey granite, 18 x12x4 in. 12 in underground for Plane cor. to sec. 35 & 36
rate along line	75.00 50.00	
2.35		

5th. Stein. Par. South

obs.

marked S. E. with 5 adets
on N. & low E. edges, and
raised mound of stones
along sides; pits impracticable.
Land rocky, mountain slopes 11%
Soil gravelly 4th. rate

East on D. bdy see 36.

Va. 16° 30' E.

15.00

large granite blocks. 20
ft. dia.

20.00

Ravine, 100ft. wide br. W 75°
E L.S. 75° W.

27.00

top of mountain 500ft. high
across to East margin br.
N + S.

38.00

to top of spur covered with
loose granite rocks

41.00

big grey granite, 20x15x6 cm
15 m in ground, for $\frac{1}{4}$ sec.

Fr 25 S. R. 9 M.

327

3

Obs.	cor. marked 14 d. b. on N. face and raised a mound of stone along side. pits impracticable. Ravine or canon bears N 45° W. rough mountain.
5.000	to top of spur 1000 ft. high precipitous on E. side. quartzite formation.
68.00	round. At quartzite, 24 x 10 x 6 ins. 18 ins in ground. for start cor. to Fr. 25 S. R. 8 & 9 N. marked A. C. 6 notches on N.E. & N. edges. & raised a mound of stone alongside.
80.00	Land rocky, E. base of mountain.
	Soil 4 $\frac{1}{2}$ in. rate.
	mountainous on rocks.
	March 23 rd /82.
	Over.

326

328

5th

307

abs.

Note

General Description
 is submitted in the
 notes of subdivisions
 of this Township

Andrew J. Stewart Jr.
 P. S. Dep Surveyor.

15.00

20.00

27.00

28.00

38.00

40.00

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329

U. S. SURVEYOR GENERAL'S OFFICE,

30

Salt Lake City, Utah, July 22nd, 1882

The foregoing field notes of the survey of the
and Boundary
Fifth Standard
Parallel South.

Township No. Range No. 9 West.

of the Salt Lake Meridian, Utah Territory,
Executed by Andrew J. Stewart Jr.

Under his contract No. 108
of the 15th day of June 1881,
in the month of March 1882,
having been critically examined, the necessary
corrections and explanations made, the said
field notes, and the surveys they describe are
hereby approved.

Zed Galbraith
U. S. Surveyor General for Utah.

BOOK-A-181

REPORT: 1883

Filed..... 188.....

330

Examined by.....

Compared by Ed. Michaelis & L. H. Stickel,

FIELD NOTES
OF THE SURVEY OF THE

North East Boundaries
RE-Survey of the North West Boundary.

OF

Township No. 25 South.

32 Range No. 9 West.

OF THE
SALT LAKE MERIDIAN
IN

UTAH TERRITORY,

AS SURVEYED BY

Andrew J. Stewart, Jr.

U. S. Deputy Surveyor,

Under his Contract No. 103.

Dated..... June 15th 1881.

Survey commenced March 23rd 1881.

Survey completed March 25th 1881.

25

331 NAMES AND DUTIES OF ASSISTANTS:

Compassman.

James W. Stewart

Chainman.

Joseph F. Thompson

Chainman.

Brigham J. Brown

Chainman.

James F. Gyles

Chainman.

George F. Robinson

Axeman.

A. G. Earle,

Axeman.

Joseph R. Gyles

Axe
Flagman.

F. Bay T. 25 S. R. 9 W.

Chains.	Survey commenced Mch 23/82. From the Standard Cor. to Tps. 25 S. R. 8 & 9 W. I run North on a true line bet. Sec's. 31 & 36. Va 15° 30' E.
10.00	To foot of spur.
12.00	Ravine drs E, 3 ft, deep, 12 lks wide.
20.50	Ravine 10 ft, deep. 1 ch. wide drs W.
40.00	Set a quartzite stone 18x16x3 ins, 12 ins in ground, for 1/4 Sec. Cor. marked 1/4 on W. face & raised a mound of stones alongside.
40.50	To base of iron hill Va 13° E.
63.00	To top " " 150 ft, high
80.00	Set a black spar rock, 14x8x6 ins, 8 in. in ground, for Cor to Sec 25. 30. 31 & 36, marked 1 notch

Salt Lake Meadow

82.	cls	over 1 & 5 on N. edges and raised mound of stones alongside land, rocky, black spar formation. Soil 4th. rate
35.		No timber or brush mountains on So chs
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East Boundary

chr	sec. 24. 25. 19 + 30, marked 2 notches on N. & S. on N. edges dug pits 18x18x12 in. in each, sec. 5 $\frac{1}{2}$ ft. dist. & raised a mound of earth 2 ft. 4 $\frac{1}{2}$ ft. base alongside Land, rocky & gravelly Soil 4 $\frac{1}{2}$ ft. rate Large trees, along line Mech. 23/82
sec. 19 + 24	North on tree line but. Va. 15° 30' E.
Do. 20	in black sage brush
40. 00	Enter white sage Set black lava stone, 15x10x 11 in. in ground for $\frac{1}{4}$ sec. Cor. marked $\frac{1}{4}$ on N. face dug pits, 18x18x12 in. N & S. of stone, 5 $\frac{1}{2}$ ft. dist. trans

P. 25. S. R. 9. W.

chs. a mound of earth 1 ft.
high $3\frac{1}{2}$ ft. base along side
8000 Det. limestone, $18 \times 50 \times 8$ in.
Rens. in ground, for cor. to
secs. 3, 18, 19 & 24, marked
Bullock on Ht. Sedges, clay
pots $18 \times 18 \times 12$ in. in each sec.
 $5\frac{1}{2}$ ft. dist. fringed a mound
of earth off. high, $4\frac{1}{2}$ ft. base
along side

Land, level
Soil clay & gravel 3rd. rate
white sage ^{out}
60 chs. Dense black sage on 20 chs.

North West. secs. 13 & 18

Va. $15^{\circ} 30' E$

2000 enter black sage & saltgrass
mash, 3 ft. deep, deep 10 ft. on ice
drs. $142^{\circ} E$
4000 dolomite
det. stone, $20 \times 10 \times 8$ in.

East Boundary

ch.	15 cu m ground for 7/4 sec. cut marked 1/4 on W. face, dug pits, 18x18x12 in. N.E.S.W. 5 1/2 ft. dist. traced a mound of earth 1/4 ft. high 3 1/2 ft. base alongside.
6500	Road from Autelopato to Fort Leavenworth 64°W. + 164°E
Do. 00	Set white quartzite stones, 15x12x 8 in., 10 cu. m ground marked & molcheson North & 4 on S. edges, forced to secs. 12, 13, 18 & 17, dug pits 18x18x12 in, in each sec. 5 1/2 ft. dist. traced a mound of earth, 2 ft. high, 4 1/2 ft base alongside Land level, gravelly soil 3rd rate black sage brush on 65% slope

P. 25 - S. R. G.W.

chs.	North beet. sect. 7412 Va. 15° 30' E. no large brush. set blue limestone, 15x8x7 in 10 in. in ground, marked 1/4 on W. face, for 1/4 sec. cor. dry pit, 18 x 8 x 4 in H & S of stone 5 1/2 ft. dist. raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside Set dolomitic stone, 16 x 2
chs.	x 8, 10 in. in ground for cor. to sect. 1. b. 7412. marked 1 note on H & S on edges raised a mound of stone alongside Lined, level, gravelly loam. Soil acid. rate large brush on line for so chs.

East Boundary T. 25 S. R. 9

chs.	North lot. sec 1/16. Fa. 16° E.
40.00	Set blue limestone, 18x8x 6 in. 12 in. in ground, worked $\frac{1}{4}$ on W. face for $\frac{1}{4}$ sec. cor. dug pits 18x8x12 in, N & S of stone 5 $\frac{1}{2}$ ft. dist. transed a mound of earth, 2 ft. high 3 $\frac{1}{2}$ ft. base alongside
88.00	Set grey limestone, 16x16x6 10 in. in ground, for cor. to Pps. 24 & 25 S. Rs. 8 & 9 W. worked $\frac{1}{2}$ notches on N. S. E & W. edges, dug pits, 24 x18x12 in, lengthwise on each line N. S. E. & W. of stone left. dist, transed a mound of earth 2 $\frac{1}{2}$ ft. high 5 ft. base longside. Land, level, covered with sage ^{bush} 800 ft. Soil gravelly & clay, Ind. rate

Re-survey West Bdy. T. 25 S. R. 9 W.

Commencing at the cor. to
Tps. 25 S. Rs. 9 and 10 W.
re-established by myself
Thence I run
North on a true river-
vey line between Sec. 31 and
36 (Having by random lines
ascertained that a re-survey
was necessary.)

To $16^{\circ}30' E.$

Over gently rolling ground.
40.00 No trace of old corner. Set
a gray limestone 14X12X4
ins. 9 ins. in ground for
 $\frac{1}{4}$ sec. cor. re-established,
marked $\frac{1}{4}$ on W. face, dug
pits 18X18X12 ins N. and
S. of stone $5\frac{1}{2}$ ft. dist.
raised a mound of earth $1\frac{1}{2}$
ft. high $3\frac{1}{2}$ ft. base along

340 E Post Rd
Delivery Exterior S. 25° S. R. 9 N.

Chains.	along side.
44.25	Road from Fillmore to Frisco course N. E and S. W.
58.80	Road to Beaver Bottom course N. 55° E. and S. 55° W.
80 00	To point of Bridge, find old post properly marked lying by remains of old mound. Set a Gray lime Stone 36x14x4 ins. 27 lbs in old mound for re-established cor to Lee. 25, 30, 31 and 36 marked. notch 3. and 5 notches. Edges raised a mound of earth and stone along side.
	Land greatly rolling soil poor to timber

~~342~~
Salt Lake Meridian.

Chains.	North, on a true or survey line bet. secs. 25 and 30 Va. $16^{\circ}30' E$.
21.50	Over gently rolling ground Wash 18 ins. deep covers W. find old cor. post a charred cedar 3 ins. diam 3 ft. long lying on surface no trace of mound remains rest charred cedar post 3 in diam 3 ft. long 12 ins. ground for re-established 4 sec cor. marked 4 & on W. face, aug pits 18X18X12 ins. W. and S. of post 5' n ft. dist. and raised a mound of earth 1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft. base around post
40.00	Find gray limestone 18X12
80.00	

342 E Post 318 Bdy
Reserve Extent. S. 25 of R. 9 N.

Chains. 18' m firmly set in the ground
marked 2 notches S. and 4
notches N. edges raised
a mound of stone along
side for re-established
Cor to Secs. 19, 24, 25 and 30.
Land. gently rolling
soil, sandy loam, moderate
No timber

North on a true north line
bet. Secs. 19 and 24.
To 1630' E.

40.00 Over gently rolling ground
No trace of old cor. deposited
ed a marked stone 12 ins.
in ground for 14 feet cor.
dug pits 18X18X12 ins. N.

Salt Lake Meridian

Chains. and S. of cor 5 $\frac{1}{2}$ ft. dist.
and raised a mound of
earth 1 $\frac{1}{2}$ ft. high 3 $\frac{1}{2}$ ft
base over it in N. spit
drove a stake 2 ft long
2 ins. square 12 ins. in
ground marked 4 Son
W. face.

8000 Found old post lying on
surface no trace of mound
remains, set a gray lime-
stone 30 X 12 X 8 ins. 22 $\frac{1}{2}$ ins.
in ground for re estab-
lished cor. to Secs. 13, 18,
19 and 24 marked 3
notches N. and S. edges
dug pits 18 X 18 X 12 ins.
in each sec. 5 $\frac{1}{2}$ ft dist.
raised a mound of earth
2 ft high 4 $\frac{1}{2}$ ft base

344

Mar 28 1892

Berry exterior 7250 ft. N.W.

Chains.

along side.

Land gently rolling.

Soil sandy loam 2nd rate
No timber

North on a true or survey line
between Secs. 13 and 18.

(Via $16^{\circ}30' E.$)

Over gently rolling back.

34.95 Road from Antelope
to Frisco via Hardys Ranch
Course $N. 60^{\circ} E$ and $E 60^{\circ} W.$
Find old post lying on
surface

40.00 Set a cedar charred post
3 ft. long 3 ins. diam. 12 ins
in ground for westab-
lished "4 per. cor. marked if
S on w. face, dug pits 18X

Salt Lake Meridian

Chains.	18X12 ins. N. and S. of Stake 5 ¹ / ₂ ft. dist. and raised a mound of earth 1 ¹ / ₂ ft. high 5 ¹ / ₂ ft. base around post.
7.007	Enter bush
80.00	Old cor. post lying near a small mound we set a charred cedar post 4 ft. long 4 ins. square 1 ft in di- ameter for re-established cor. to secy. 7, 12, 13 and 18, dug pits 18X18X12 ins. in each secy. 5 ¹ / ₂ ft dist. raised a mound of earth 2 ft. high 1 ¹ / ₂ ft. base around post which is marked T. 25 S. 57 on N. E. R. 9 W. S. 18 on S. E. R 10 W. S. 13 on S. W. E.

346

Dist 3 2 miles

Sect 109

Survey External J. 25 S. R. 9 W.

Chain.

S. 12 on N.W. faces
 Land gently rolling.
 Soil loam mixed with sand
 and clay ~~alluviate~~
 Undergrowth greasewood on rocks.

North or a true survey
 line bet. Secs. 7 and 12
 At $16^{\circ} 30' E.$

Over-walked ground
 Through brush
 Wash 2 ft. deep course S.W.
 Leave Greasewood brush
 A old post lying down
 Set a charred cedar
 post 3 ft. tall long 3
 ins. square 1 ft. in ground,
 for 4 sec. cor. marked '48

Salt Lake Meridian.

Chains. on W. face, dug pits 18X18
 X12 ins. N. and S. of post
 $5\frac{1}{2}$ ft. dist., and raised
 a mound of earth $1\frac{1}{2}$
 ft high $3\frac{1}{2}$ ft. base around
 post

8000 Find Charred cedar post
 lying by old mound and
 traces of pits or set & above
 charred cedar post 4 ft.
 long 4 ins. square 12 ins.
 in ground for re-estab-
 lished cor. to sec. 1, 6, 7
 and 12 marked

S. 25-~~E.~~ on N. E.
 R. 9 W. ~~R.~~ 7 on S. E.
 R. 10 W. ~~R.~~ 12 on S. W. &
~~S.~~ on N. W. faces. with
 1 notch V. and 5 notches
 S. edges. dug pits 18X

Kennedy Extent S. 25th R. 9th

Chains 18 x 12 ins. in each dec. 5th
 ft. dist. raised a mound
 of earth 2 ft. high & 12
 ft. base around post
 Land nearly level,
 Soil loam mixed with
 sand and clay 2nd rate
 Undergrowth greasewood on 6 class.

North, on a true or survey line
 bet. sec. 1 and 6.

N 16° 30' E

Over level ground
 Found old cow lying by
 small mound set a charred
 cedar post 3 ft long 3 ins
 square 12 ins. in ground

Salt Lake Mound

Chain

for our established 7 post
cor. marked 4 S on W.
face. dug pits 18 X 18 X 12 ins
N. and S. of cor. 5 $\frac{1}{2}$ ft.
dist. raised a mound of
earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft.
base around post

80.00 Found old post lying by a
remnant of old mound.
Set a charred Cedar
post 4 $\frac{1}{2}$ ft. long 4 ins
square 12 ins in ground
marked

T. 24 S. S. 31 on N. E.

R. 9 W. S. 6 on S. E.

T. 25 R. S. 1 on S. W. E.

R. 10 W. S. 36 on N. W. faces
with 6 notches on each edge
dug pits 24 X 18 X 12 - ins.
lengthwise on each line

350

Post Box 326

Railway Exterior S. 25° E. R. 9 W.

Chains N. S. E. & W. of post 6 ft.
dist. and raised a mound
of earth 2 $\frac{1}{2}$ ft. high 5 f.
base around post.

Land nearly level
Soil sandy loam ~~made~~
No timber

March 24/82

Resurvey R. Bdy T. 25 S. R. 2 W.

chs.

From the cor. to Tps.
24 & 25 S. R. 9 & 10 W.
I run East on a random
line bet. said Townships,
the variation of my
compass being 16° East,
I set temporary half-mile
mile corners at each
40 & 80 chs. and find
the township line to be
6 miles and 1 chain long
and the fallings to be 50 lbs.
S. of the cor. to Tps. 24 & 25 S.
R. 9 & 8 West, the correction
for the true line will
therefore be $8\frac{1}{3}$ lbs. S. per
mile and 1.00 ch. E. per
mile and its course
will be $N. 89^{\circ} 56' W.$

Resurvey North Boundary

chs

From the cor. to Tps. 24
 & 25 S. R. 8x9 ft. established
 by me during the survey
 June -

$89^{\circ}56' W$ on a tree
 line Sect. 1436
 $\Delta 16^{\circ} E.$

40.00 Set blue limestone, 16x12x6 in.
 10 in. in ground, for $\frac{1}{4}$ sec.,
 cor. marked $\frac{1}{4}$ on W. face
 dug pits, 18x18x12 in. E + W.
 of stone $5\frac{1}{2}$ ft. dist. trans. on
 a mound of earth $\frac{1}{2}$ ft.
 high, $3\frac{1}{2}$ ft. ~~base~~ along side

50.00 Set clay stone, 20x15x10 in.
 15 in. in ground, for cor. to
 sect. 1.2.35x96, marked
 1 notch on E + S on W. edges
 dug pits 18x18x12 in. W. S.
 $E \times W.$ of stone, $5\frac{1}{2}$ ft. dist.

Chs.

raised a mound of earth 3 ft. high $4\frac{1}{2}$ ft. base alongside

Lined ditch to West
lava mixed with clay
Silt 4 ch. rate

Sage & shale scale on
soils.

Y. 89°56' W. on true line
Dist. elev. 24.35

Ta 16° C.

4000

Set slag stone, 18x10x8 in.,
Riv. in ground, for $\frac{1}{4}$ sec
Cor. marked $\frac{1}{4}$ on N. face, dug
pits, 18x18x12 in E of W. of
stone, 5 $\frac{1}{2}$ ft. dist. and
raised a mound of
earth $2\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base
alongside

354

330

Resurvey North Boundary

Ch

Soil

Set. Slag stone, 24x12x8 in
18 in. in ground, faces to
secs. 2, 3, 34 & 35 marked
2 inches on E & four ft.
edges, dug pits, 18x18x12
W.S.E. of stone, 5½ ft.
dist. raised a mound
of earth 3 ft. high 4½ ft.
base along grade

Land level covered with
sage, basin 10' on rocks.

Soil sandy 3rd. rate

N. 89° 56' W. on a tree
line bet. secs. 3 & 34

Ta. 16° E.

40,00

Set black lava stone, 18x
10x8 in. 12 in. in ground, faces
to sec. cor. marked 10 on N
face, dug pits 18x8x12 in

P. 25. S. R. P. W.

355

chs. Ex W. of stone, 5 $\frac{1}{2}$ ft. dist
raised a mound of earth
1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ ft. base alongside
Set black lava stones 24x12
x 8 in. 18 in. in ground for
cov. to secs. 3. 4. 33 & 34, muk.
Snatches on E & W. edges
dry pits 18x18x12, N. S. E. W.
of stone, 5 $\frac{1}{2}$ ft. dist. raised
a mound of earth 2 ft.
high, 4 $\frac{1}{2}$ ft. base alongside
Land, level
Soil sandy & gravelly ratio

N. 89° 56' W. on true line
bet. secs. 4 & 33

Var. 16° 30' E.
over sandy bench with
large brush

Resurvey of North Boundary

ch.

18.00

descend

25.00

foot of bench leave brick

40.00

set black lava stone 14x12x6
in. 8 in. in ground, for fence.

cor. marked 1/4 on N. face

dug pits 18x18x12 in. E & W. of

stone 5 ft. dist. raised

mound of earth 2 ft. high,

3 ft. base alongside

50.00

Set grey granite stone,

14x8x6 in. 8 in. in ground

for cor. to secs. 4, 5, 32 & 33

marked 2 matches on N.

1/4 on E. edges, dug pits

18x18x12 in. N. S. E & W. of stone

5 ft. dist. raised a

mound of earth 2 ft. high

4 ft. base alongside

Land level

P. 95 S. R. Hill

chs.	Soil clay Lind. rate white clay 50 chs. 14 S. ou 25 chs.
12x6	
c.	W. 89° 56' W. on true line lat. sec. 51 32'
10	Ta. 16° 15' E.
0.00	Set black lava stones 14x12 x10, 8 in in ground, for 1/4 sec. cor. marked off on N. face, dug pits, 18x18x12 in E. W. of stone 6 1/2 ft. dist., raised a mound of earth, 1/2 ft. high 3 1/2 ft. base along side
33	
W.	Set black lava stones, 16x12x10 in, 10 in in ground, for cor. to sec. 5.6. 31+ 32, marked 5 notches on E. (on N.
bits	
clou	
—	
Lph	

Resurvey North Boundary

Chs. edges, dug pits, 18x8x12, Cr
 W.S.E. & N.W. of stone 5 $\frac{1}{2}$ ft.
 dist. raised mound of
 earth. If. high 4 $\frac{1}{2}$ ft.,
 base alongside
 Land level
 Soil clay & gravel 3d rate

W. 89°56' W. on true line
 bet. sec. 6 & 31

Ta. 16°15' E.

40.00 Cut black lava stone, 14x
 8x6 in. 6 in. in ground
 for $\frac{1}{4}$ sec. Cor. marker
 $\frac{1}{4}$ on N. face, dug pit
 18x8x12 in. E & W. of stone
 5 $\frac{1}{2}$ ft. dist. raised a
 mound of earth 1 $\frac{1}{2}$ ft.
 high 3 $\frac{1}{2}$ ft. base alongside

J. 25 - S. R. 9. W.

8 1/2 cfs.
ft. 4.00
et al.
ft.

fp cor. to Fps. 24 & 25 S.
R. 9 1/2 W. previously
described

Sand level
Soil clay & gravel bed rock
Web. 25 / 82

Note: — For General Description
See end of Subdivisions
of this Fp.

Andrew J. Stewart Jr.
M.S. Deputy Sur

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, July 22nd A.D. 1882

The foregoing field notes of the survey of the

East Boundary and
Resurvey of North & West Edges.

Township No. 25th Range No. 9th

of the Salt Lake Meridian, Utah Territory,

Executed by Andrew Stewart Jr.,

Under his contract No. 103

of the 15th day of June 1881,

in the month of March 1882,

having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.

Erle Fellowes

U. S. Surveyor General for Utah.

REPORT: 1883.

Filed..... 188

Examined by John St. Camper

Compared by Ed. Nichols & L. F. Gaskin

FIELD NOTES

OF THE SURVEY OF THE

*Subdivisions*OF
Township No. 35 South

Range No. 9 West

OF THE SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Andrew J. Stewart Jr.

U. S. Deputy Surveyor,

Under his Contract No. 103.

Dated June 15th 1881.

Survey commenced March 27th 1881.

Survey completed April 1st 1881

361

NAMES AND DUTIES OF ASSISTANTS:

Joseph R. Gyles, Chainman
Joseph F. Thompson, Chainma
James W. Stewart, Chainm
Brigham J. Brown, Chainm
James F. Gyles, Chainm S.
George S. Robinson, Axeman
A. G. Earle, Axeman passman
Flagman inman.
inman.
inman.
emam.
gman.

12

BOOK-A-181

Township 25 S. R. 9 West

	334	333	331	330	329	328	
324	6 411	5 393	4 380	3 365	2 350	1 314	
	- 410	- 409	- 392	- 378	- 364	- 349	
322	7 407	8 390	9 377	10 363	11 348	12 313	
	- 406	- 405	- 389	- 376	- 361	- 347	
320	18 404	17 388	16 375	15 360	14 345	13 311	
	- 403	- 401	- 387	- 373	- 359	- 344	
319	19 400	20 386	21 372	22 358	23 342	24 310	
	- 399	- 398	- 385	- 371	- 356	- 341	
318	30 397	29 384	28 369	27 354	26 340	25 315	
	- 397	- 396	- 383	- 368	- 353	- 338	
317	31 395	32 381	33 367	34 357	35 337	36 308	
	- 298	- 299	- 301	- 302	- 303	- 305	

Ch.

Preliminary to commencing this survey I ran West on a blank line on the South boundary of sec. 36, and at 39.97 found the $\frac{1}{4}$ sec. cor., & at 50.01 Ch. found the sec. cor. My compass will therefore run the same line as the exterior boundaries, and the claiming practically agree.

Subdivisions T. 25 S. R. 9 W. S. I. M. D.

Chs.	I commence at the Stan. Cov. to Secs. 35 & 36 on N. Bdy. of the Sp. set by me during this survey, thence I run
	North lat. Secs. 35 & 36 Va. $16^{\circ} 20' E.$
15.00	to top of spur, granite formation
20.00	to bottom, canon br. W. on South side of spur,
40.00	covered with cedars Set blue limestone, 16x10 x 4 in., 10 in. in the ground
	for $\frac{1}{4}$ sec. cov. marked $\frac{1}{4}$ on W. face, from which -
	A dead cedar br. $1.85^{\circ} W.$ 50 lbs. , burr pine, $S. 65^{\circ} E.$ 35;
	both marked "B. T. $\frac{1}{4}$. S."
60.00	top of spur 500 ft. high

Subdivisions

bears West. Descend to bottom of spur.

\$0.00 Set blue limestone, 14X
12X6 cu. 10 in in ground,
for cor. to sects. 25, 26, 35 & 36
marked 1 notch on S & E.
edges, dug pits, 18X18X12 in.,
in each sec. 5 1/2 ft. dist.
and raised a mound of
earth 2 ft. high, 4 1/2 ft. base
along side

Sand, rocky mountains,
limestone formation

Mountains 8.0 chs

Soil, 4th. rate.

Cast on a random line
bet. sects. 25 & 36.

Va. 16° E.

2.00 across canon.

T25 S.R. 9 W. St. Md.

chrs. 2000	top of mountain. Descend on East side, precipitous granite formation.
40.00	Set temp. $\frac{1}{4}$ dec. cor.
79.80	Intersect E. Bdy. of Tp. 10 lks. N. of cor. to secs. 25 & 36, set by me during this survey, thence I run N. $89^{\circ} 55'$ W. on true line bet. secs. 25 & 36 with same var.
39.90	Set gray granite, $18 \times 12 \times 6$ cu. 12 in. in the ground, for $\frac{1}{4}$ dec. cor. marked $\frac{1}{4}$ on N. face, dug pits, $18 \times 18 \times 12$ in E. & W. of stone, $5\frac{1}{2}$ ft. dist. and raised mound of earth $1\frac{1}{2}$ ft high, $3\frac{1}{2}$ ft. base alongside

343
Subdivisions

cts. 79.80	The cor. to sect. 25. 26. 35 & 36 Land, rolling Mountain Soil 4 ch. rate. M. 500. 79.80 etc.
	North but. sect. 25 & 26 Va. 16° E.
2.00	across bottom of canon beams W.
2.00	top of spur, descended N. side of spur.
30.00	Foot of Iron ledge, 100 ft. high, ls. E & W. bottom of canon. Access
40.00	Set grey granite, 18x10x6 in. 12 in. in ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ low W. face and raised mound of stones alongside, pits unpracticable on granite ledge.

~~T 25 S R. 9 W. S. T. Md.~~

Cbs.	
42.00	to summit of mountain descend on E. side.
5.00	to bottom of Cañon bears E. over rolling bench.
2.00	Set black stone, 14x8x6 in. Six in ground for cor. to sect. 23, 24, 25 & 26, marked 2 notches on S & 1 on E. edge, and raise d a mound of spar rocks alongside. Pits impracticable Land rolling Mountain on so obs. Soil 4 ch. rate

East on sandstone line
bed. sects. 24 & 25

Va. 16° E.

4000	Descend East base of Mt. Set temp. 1/4 sec. cor.
79.90	Intersect E. bdy of T.P.

37.0

342

Subdivisions T. 25

ch.s.

	10 chs. S. of cor. to secs. 24 125, set by me during this survey, thence true S. 89° 55' W. on true line bet secs. 24 & 25 will save work.	Ch 17.0 19.0 27.0
39.95	Set granite, 18x12x8 in. Rn. in ground, for $\frac{1}{4}$ acre cor. marked $\frac{1}{4}$ on N. face, & raised a mound of granite stones alongside. Pits unpracticable.	33.0 40.0
77.90	The corner to secs. 23, 24, 25 & 26. Land rolling. Lots one per chs. Soil 4 ch. rate	42.0
2.00	ascend top of spur	57.0
6.00	across spur. descend	70.0
		80.0

S.R. 9 W. S.L. Md.

chs.	
17.00	bottom, Cañon ls. E.
19.00	foot of next spur ls. E. descend.
27.00	top of limestone spur, N. 80° W. high peak at summit 800 feet above the line
33.50	bottom of Cañon ls. E & W. 2 chs. across
40.00	Set blue limestone, 16x12x 8 in. 10 in in the ground, for $\frac{1}{4}$ sec. cor. marked from W. face & raised a ^{line} mound of ^{lime} slopes alongside not impracticable.
42.50	top of spur. ls. E & W.
57.50	bottom of Cañon ls. E & W.
70.00	Top of spur E & W. descend
80.00	Set blue limestone, 18x12x10 in., 12 in. in the ground, for cor. to recs. 13, 14, 23 & 24, marked

Subdivisions T. 25

ch.

3 notches on S. & 1 on E. edges,
and raised a mound of
limestone alongside, pits
impracticable.

Land, rocky, ^{mts} on docks.

Soil 4th. rate

No timber

East betw. secs. 134 24 on
a random line

Va. 16° E.

4000 Set temp. $\frac{1}{4}$ sec. cor.

5000 Intersect E. body of Tp.
15 lks. S. of cor. to secs. 134
24, set by me during this
survey, thence S. 89°
54' W. on true line bet. secs.
134 24 with same cor.

4000 Set grey limestone, 16x10x
6 in. 12 in. in ground, for $\frac{1}{4}$

25

S.R. 9 W. S.I. Md.

edges, of pits	obs.	sec. cor. marked $\frac{1}{4}$ on N. face, dug pits 18x18x12 in E & W. of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base along side. Descend to East base of Mountain.
	Sec. cor.	the cor. to secs. 13, 14, 23 & 24. Sand rocky mts on S. chs. Soil 4 ch. rate
p.		North West. secs. 13 & 14
13 &		Va. 16° E.
1	1.00	to large granite ledge.
5	5.00	bottom of open, narrow ledges wide to E.
89°	6.00	bottom of hill
secs.	14.00	Set white quartz stones 16x10x6 in
10 &		
1/4		

374

346

Subdivisions S. 215

chs

11 in. in ground, marked 1/4
on W face for 1/4 rec. cor.
and raised a mound of
stones alongside on lava
bed.

~~44.00~~
~~36.00~~

- Front of propagation
Mound 10 ft. high
Set lava bed, 14 x 10 x 8 in.

8 in. in ground, for cor. to
secs. 11, 12, 13 & 14, marked
4 notches on S. & 1 on E.
edges, & raised a mound
of stones alongside. This
unpracticable

Lined level lava bed on
soil 4th. rate

Schadecale and mts on
44 chs.

c
4
4
50

40

80.

S.R.I.W.S.L.M.D.

2.5		
14	chs.	Cast on a random line bet. sec. 12 & 13
15	4	To $16^{\circ} E.$
Lava	40.00	Set temp. rec. cor
16	80.20	Int. E. Bdy of sp. Colker N. of cor. to sec. 12 & 13 thence down N. $89^{\circ} 52' W.$ on a true line bet. sec. 12 & 13 with same var.
17	40.10	Set limestone, $14 \times 10 \times 6$ cm. 8 in in ground for $\frac{1}{4}$ sec. cor. marked from N. face and raised mound of stone alongside
18	80.20	The cor. to Secs. 11, 12, 13 & 14 land level Soil 3rd. rate No timber

Subdivisions 1.25

cks	North bed. recs. 11 & 12 Va. $16^{\circ} 30' E.$	C.
40.00	Set lava stone, 18x10x8 in. Rins. in ground, for 1/4 rec. cor. marked 1/40w W. face, dug pits, 18x18x12 in N & S of stone, 5 1/2 ft. dist. Trashed a mound of earth 1 1/2 ft. high 3 1/2 ft. base along gable	
55.00	Wash, N. $70^{\circ} W.$ 4 ft. deep, 20 ft. wide	
60.00	Va. $13^{\circ} 45' E.$ lava bed.	40
80.00	Set black lava stone, 18x8x6 in. 12 in. in ground for cor. to recs. 1.2. 11 & 12 marked 5 notches on S. & 1 on E. edges, dug pits 18x18x12 in in each rec. 5 1/2 ft. dist. trashed a	7 1/2 3 1/2

J.R. J.W. S.L. M.D.

ch.s. mound of earth 2 ft. high
 $4\frac{1}{2}$ ft. base alongside
 Land, level & sandy
 Soil Ind. rate $\frac{1}{4}$ in.
 Shadscale E SW. of line
 No timber

East on a random line
 bet. secrs. 14 & 12

N. $16^{\circ} E.$

- | | |
|-------|--|
| 40.00 | Set Camp $\frac{1}{4}$ sec. cor. |
| 79.90 | Int. east bdry. of Twp. 10
ch.s. N. of cor. to secr. 14 & 12
thence direct W $89^{\circ} 56' W.$
on true line bet. secrs. 14 & 12
with same rat. |
| 39.95 | Set limestone 16 x 10 x 6 in |

Subdivision T25

ch.s.

10 ins. in ground, for
 $\frac{1}{4}$ sec. cor. marked from
 N. face and raised
 a mound of stones
 alongside

79.90

The cor. to secs. 1 & 2. 11 x 12
 Land, level
 Soil Ind. rate
 dense sagebrush. 79.90 ch.s.
 No timber.

North lat. sect. 143

Ta. 15° 45' E.

40.00

set temp. $\frac{1}{4}$ sec. cor.

80.20

Intersect N. Boundary 10 lks.
 East of corner to secs. 1 & 2,
 established by me (during this
 survey, thence on true line

S.R. & W. G.L. Md.

25
for
Horn
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s
lks.
2)
this.
line

chs.	S. 4° E. with same var.
40.20	Set black Blaradstone, 16x10 x6 in. 10 in. in ground, marked from W. face, for $\frac{1}{4}$ sec. cor. dry pits 18x18x12 in. N of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. 3 ft. base alongside
80.20	The cor to secs. 1, 2, 11 & 12 Land, level & sandy dense sage along line soil red. rate.

March 27th/80

From cor. to secs. 34 & 35 one S. bdy
of T.p. established by me on
this survey, I run
North bet. secs. 34 & 35.
T.A. $16^{\circ} 30' E.$
in sage brush

Subdivisions 9.25

Chs.	
6.50	larch cedars E & W.
16.00	Ravine, 15 ft. deep, 1 ch. wide course N. 50° W.
30.00	knoll
32.00	Pop. Va. 17° E.
33.00	(foot of) knoll
36.50	Wash 3 ft. deep, 1 ch. wide dis. W.
40.00	Set quartzite stone, 18x14x12 in 12 in in ground for $\frac{1}{4}$ dec. cot. marked from W. face & raised mound of stones along side, pits impracticable
40.50	Ravine, 50 ft. wide, 4 ft. deep, dis. West.
42.25	Wood road to Antelope, 6 ch. N. 70° W.
43.00	Wash, 3 chs. wide 6 ft. deep, E & W.
50.00	" 2 " " " " W
78.50	" 1.50 " 10 " N. 85° W.

S.R. & W. S.L. Md.

ch.	
80.00	Set quartzite stone, 16x10x6 in. 10 in in ground, for cor. to recd. 26. 27. 34 & 35, marked (notch on S & Lou E. edge), dug pits, 18x18x12 in each sec. 5½ ft. dist.培訓 a mound of earth, 2 ft. high 3½ ft. base alongside. Land, gravel & rocky mts on secs. Soil 46% rate Scattering cedars, fit for fuel only, none within limits.
	East on random line bet. sec'd. 26 & 35
bs	Ta. 16°30' E.
E 87° W.	Foot of mountains, coarse S. 87° W. As sec'd. Ravine 10 ft. deep, 1 ch. wide ls. S. 87° W. Snow mud on N. side of canon
W 85° W.	

Subdivisions T. 25

cts.			
40.00	Set a temporary, $\frac{1}{4}$ Sec. lot.		
79.90	Intersect N. Slice 20 lks. N. of cor. to recd. 25. 26. 35 & 36, three land N. $89^{\circ} 57'$ W. outline line. lot. sec. 26. & 35 with same rec.	2	2
39.95	Set blue granite 18x18x12, 12 in in ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face, dug pits 18x18x12 in E & W. of stone $5\frac{1}{2}$ ft. dist. transcend a mound of earth. $\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base along side Th. cor. to recs. 26. 27 & 34 & 35	31	4.
79.90	Land mountains over 72.9 cts. Soil 3rd. rate		

Number

North lot. secs 26 & 27

Ta. $16^{\circ} 15' E.$

over rolling sage & greasewood

43

S.R. 9 W. S.L. Med.

ch.	lunch.
11.50	Ravine dis. W.
20.00	Mash 10ft. wide dis. W.
27.00	Top of spur
33.50	Ravine 20 ft. deep, 1 ch. wide dis. N. 75° W.
36.00	Top of ridge
40.00	Set quartzite stone, 18x12x8 in Rin. in ground, marked $\frac{1}{4}$ on W. face for sec. cor. & dig pits 18x18x12 in, N & S. of stone, 5 $\frac{1}{2}$ ft. dist, raised a mound of earth $\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base alongside from which a cedar 12 in. dia bs. N. 57° W. 20 ft. dist. marked $\frac{1}{4}$ S.B.T. on E. side
45.00	Ravine 10 ft. deep, 1 ch. wide dis. W. At end spur of Mountain bears W.

Subdivisions T.25

cts.	
55.00	Rovine dis. W.
60.00	Top of spur, 100 ft. high
71.00	bottom of spur.
80.00	Set quartzite stones, 14x12x8 in. 10 in. in ground for cor. to sec'd.
	22.23.26 & 27, marked 2 notches on E & S edges, dug pits, 18x18x12 in in each sec. 5 ft. dist & raised a mound of earth 2 ft. high, 4 ft. base alongside. Lined, rocky, mt ridge on S side.
	Soil 4th. rate
	Cedars along line very scrubby dead mostly.
	Schadscale & sage brush.
	East on random line sec. 23 & 26
	Ta. 16° E.
5.00	bottom of cañon dis. N.W.

S.R. & W. S. L. Md.

cls.

- ascend spur of mountain
Set temp. $\frac{1}{4}$ sec. cor.
6000 summit of mountain,
1500 ft. high.
Soil. Intervel N & S. line 20 lbs.
N. of cor. to secs. 23, 24, 25 & 26
thence same on true line
H. $89^{\circ} 57' W$ with same var.
40.05 Set below limestone, $14 \times 12 \times 8$ in
fin. on ground, for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on (N. face) during
sets $18 \times 18 \times 12$ in E & W. of stone,
 $5\frac{1}{2}$ ft. dist. raised a mound
 $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base alongside
The cor. to secs. 22, 23, 26 & 27
Lined, rocky mts. on sides.
Loc. 4th. rate

Number

Subdivisions T. 25

cls.	North lat. secs. 22 & 23 Tr. 16° E.
5.00	top of spur ls. S. 65° W.
11.00	bottom ls. W.
14.00	top of spur
18.50	bottom of ravine dir. W.
29.00	top of spur
38.00	bottom "
40.00	Set limestone, 18x12x9 in. on limestone ledge, 12 in in ground, for 1/4 sec. cor. marked 1/4 way W. face, transposed mound of stone alongside. pits impracticable.
	Ascend over limestone ledge 40. bearing E 8 W.
85.00	Set black limestone 8x12 x 8 in. on ledge of black limestone, 16 in ground, for cor. to secs. 14, 15, 22 & 23.

S.R. & W. S. L. Md.

25

Chs.	washed. Grottoes on S. & on E. edges raised a mound of stones alongside pits impracticable. Sand rocky mts on S. side. Soil 4th. rate scrubby & dead Cedars.
on	East end random line
in	Int. sect. 14 & 23
hd	Ta 16° 10' E.
nd	wash soft, deep, 1 ch. wide
is	dis. N. 60° W. around up R. side of wash
edge	Set temp. 1/4 sec. cor.
	Interval N & S line, 20 ft. N. of cor. to sect. 13, 14, 23 & 24, thence down N. 89° 57' W. on true line Int. sect. 14 & 23 with same var.

Subdivisions T. 25

ch.		
39.97	Set blue limestone 24x50x8 in. 18 in. in ground, for $\frac{1}{4}$ sec. Cor. marked $\frac{1}{4}$ on W. face, dug pits, 18x18x12 in E & W. of stone, 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth, $\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base along side	C S.
79.95	The cor. to secs. 14, 15, 22 & 23 Land runs on 79.95 chs. Soil 3rd. rate	
	No timber	
90.00	North but. secs. 14 & 15 Ta. $16^{\circ}15' E.$	
3000	descend to bottom of wash	
4000	wash ls. West, 40 ft. wide left. dip	
4000	Set quartzite stone, 18x12x8 in. 12 in. in ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face, dug pits, 18x18x12 in N & S. of stone	

1.25
10x80
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390

362

Subdivisions T.25

ds.

- over. rolling brush covered
with sage & ~~sals~~ sagebrush
- 4.00 Set fence $\frac{1}{4}$ sec. cor.
- 75.50 Road to Antelope & Bone fort
bears E & W.
- 79.50 Intersect N. S. line at cor.
to secs. 11.12.13 & 14, thence
down Westontrue line
bet. secs. 11 & 14 with same gov.
- 39.75 Set black lava stone, 14x8
 \times 6 in. 10 in in ground, for $\frac{1}{4}$ acre.
cor. marked $\frac{1}{4}$ on N. face, dug
pits 18x8x12 in., E & W. of stones,
 $5\frac{1}{2}$ ft. dust removed a mound
of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base
along side
- 79.50 Th cor. to Secs. 10.11.14 & 15
Land, rolling brush
Soil 3rd. rate
small sage & ~~sals~~ sagebrush

S.R. 9 W. S.L. Md.

25	cks.	North half sec. 104 11 Va. 16° E. through sage brush
foot	low	Va. 15° 30' E.
35.00		Road from Antelope to Cave NW set black lava stones, 20x20x6in. 15 in. in ground, marked 1/4 way N. face for sec. cor. dug pits, 18x18x2 in. Ht. 5' of stone, 5 1/2 ft. dist. raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base along ridge
14x8		
base.		
day		
trus		
nd		
base		
5		
al		
cks.	47.00	Road from Cave to Black rock br. N. 75° W & S. 75° E. set black lava stones 18x16 4 1/2 in. 12 in. in ground, for cor. to sec. 2, 3, 104 11 marked 5 notches on S & low E. edges, dug pits, 18x18x2 in. in each sec. 5 1/2 ft. dist. raised

obs a mound of earth, 2 ft.
high, 4 ft. base alongside
land, rolling & sandy
soil Ind. rate

No timber

Mch. 28th /82

East on a random line
but sect. 2 & 11

Va. 16° E.

Accord over rolling land
covered with sage, 2 ft. high

40.00 At camp. 1/4 sec. cor.

55.00 Wash, 50 lks. wide, 10 ft. deep
dis. N. 45° W.

80.10 Intersect N & S. line, 20 lks.
N. of cor. to Sect. 1. 2. 11 & 12,
thence I run N. 89° 51' W.
on true line but sect. 2
& 11 with same var.

40.04 At black lava slope, 1640

S.R. 9 W. S. L. Md.

P. 25

2 ft.
spade
only

22

in line

so.

below

1. high

off. dep.

20 ft.

11 1/2

W.

S. &

10 40

obs.

So. 10

4.00

4.00

4.00

6 in, 10 in in ground, for $\frac{1}{4}$ sec. cot. marked from N.
face, dug pits, 18x18x12 in.
Ex st. of stone, 5 $\frac{1}{2}$ ft. back
flanked a mound of
earth, 1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ ft.
base along side.

the cont. recd. 2.3.10.8/11
Land rolling & sandy
Soil lat. rate
dense sage brush so obs.

Work on sandstone line
but sees 2 & 3

Ta. 16° E.

wash, off. dep., 1 ch. wide
dis. S. 30° W.

Ta. 16° 30' E.

Red temp. $\frac{1}{4}$ sec. cot

Sub-divisions T. 25

Chi.
80.10

Intersection of N. Rdy of T. p.
Wkrs. W. of cor. to secs. 2.
& 3, established by me
during this Survey, thence
down S. 4° W. on true
line bet. secs. 2 & 3 with
same var.

40.10

Set black lava stone, 18x10
x8in. Rein. in ground, for
1/4 sec. cor. marked $\frac{1}{4}$ on
W. face, dug pits, 18x18x12
in, M+ S^r of stone, 5 1/2 ft.
dist. Transed a mound
of earth 1 1/2 ft. high 3 1/2 ft.
base alongside

80.10

The cor. to secs. 2, 3, 10 & 11
Land, rolling & sandy,
Soil red var
No timber

I.R. J.W. J.L. M.D.

ch.s.

From the cor. to Recs. 33 & 34
on 5th. Stan. Par. South,
established by me during
this Survey, true North
Lat. sect. 33 & 34

Va. $16^{\circ}35' E.$

5.00

Mash, 1 ch. wide, 6 ft. deep,
dis. N. $45^{\circ} W.$

10.00

Mash, 25 lbs. wide 4 ft. deep,
dis. N. $75^{\circ} W.$

13.00

Mash, 30 lbs. wide, 4 ft. deep
dis. N. $80^{\circ} W.$

40.00

Set white limestone, 14x10x6 in.
8 in. in ground, for 1/2 sec. cor.
marked 1/4 ord. W. face &
raised mound of stone
along side

57.50

Mash dolomitic ls. W.

60.00

Set grey limestone 14x8x6
in. in ground, for cor. to

Subdivisions T. 25

chs	secs. 27, 28, 33 & 34, marked 3 notches on E. & 1 on N. edges, dug pits, 18x18x12 in. in each sec., 5½ ft dist. & raised a mound of earth. 2 ft. high, 4½ ft. base alongside
	Sand level soil, sandy loam, 2nd rate, large brush on So. chs.
	E East on random line lot. secs. 27 & 34
	Va. 16° 30' E.
5.00	Wash 1.50 chs. wide, 4 ft. deep dir N. 80° W.
36.50	Wood road ls. N. 15° W & S. 15° E.
40.00	Set temp. 1/4 sec. cor.
44.00	Ravine 10 ft. deep chs. N. 30° W
79.50	Intersect Mt S line

T.25

S.R. 9 W. S.L. Md.

	cts.	5 lks. S. of cor. to secs.
E. pts, 5 $\frac{1}{2}$ and lt.	39.75	26.27. 34 + 35 thence N and S. 89° 58' W out true line but secs. 27 & 34 with same var.
rate cts.	79.50	Soil bastard limestone, 18x8x6 in. Run in ground, for 1/2 sec. cor. marked off on N. face, dug pits 18x8x2 in E & W. of stone, 5 $\frac{1}{2}$ ft. dist. & raised a mound of earth 1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ ft. base along the cor. to secs. 27, 28, 33 & 34 Lauel level Soil sandy loam. Prod. rate sag brush on 79.50 cts.
deep S. 45° E. N. 30° W ie		North lat. secs. 27 & 28 Va. 16° 30' E through sag brush

Subdivisions S. 25

cts.	
2.50	Wash, 1.50 cts. wide, 6 ft. deep dis. N. $80^{\circ}W$.
26.50	Wash 30 ft. wide, 6 ft. deep dis. N. $65^{\circ}W$.
40.00	Red or white limestone, 15x7x 6 in. 10 in. in ground, for 1/4 sec. cor. marked 1/4 on W. face, dug pits 18x18x12 in., N & S of stone, 5 1/2 ft. dist. transversely around it, each 1 1/2 ft. high, 3 1/2 ft. base along side. Wash bears N. 1 ft. deep off side.
43.00	Wood road to butte top bears N. $12^{\circ}W$.
60.00	Wash bears N. $80^{\circ}W$ 6 ft. deep 30 ft. wide
77.00	Wash bears N. $80^{\circ}W$ 6 ft. deep 30 ft. wide
80.00	Set blue limestone, 16x10x8 in. 10 in. in ground, for cor. to sec., 21, 22, 27 & 28 marked 2 notches on S. & 3 on E. edge

S.S. G.W. S.L.M.

25

deep	cts.	dug pits, 18x18x12 in. in each sec. 5½ ft. dist. transed mound of earth 2 ft. high 4½ ft. base alongside Land level
15x7x 2 1/4 W. 2 ar. last contt impia + offside beans.	38.50	Soil sandy + clay 2nd rate White sage on 40 cts. & dark black sage on 40 cts.
		East on random line hot sec. 22 & 27
		Va. 16° E.
1/2 deep	4000	Wood road to Butte topo bs. N. 45° W.
6x10x8d. n. to arked E. edges	6000 79.50	Set temp. 7/4 sec. cor. base of spur of mountain 300 ft. high; ascend Dulceel Mt S line 3 lbs S. of cor. to sec. 22, 23, 26 & 27 thence down S. 89° 58' W.

Subdivisions T. 25

chs	on true line Recs. 22 & 27 with same recs.
39.75	Set blue limestone, 16x8x5 in., 16 in. in ground for $\frac{1}{4}$ sec e. Cor. marked $\frac{1}{4}$ on N. face & dug pits, 18x18x12 in. E of P. of stone, 5 $\frac{1}{2}$ ft. dist. raised a mound of earth $\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. back alongside The cor. to recs. 21, 22, 27 & 28. Land level Soil sandy & clay. Ind. rate No timber
79.50	North line Recs. 21 & 22

30.00 Road bns. to $16^{\circ} C.$
40.00 Set brachite stone, $14 \times 8 \times 6$ in.
8 in. in ground, for $\frac{1}{4}$ sec cor
marked $\frac{1}{4}$ on N. face, dug
pits, 18x18x12 in., W. S. of stone

S.H. 9 W. S.L. Md

25

21	ch.	5 $\frac{1}{2}$ ft. dist. transed a mound of earth 1 $\frac{1}{2}$ ft. high 3 $\frac{1}{2}$ ft. base alongside
w.		
16x8x5a.		
sec. e.	d. 200	Set grey sandstone 16x12x8 in. 10 in in ground, for cor. to secs. 15, 16, 21 & 22, marked 3 notches on S & E edges, dug pits, 18x18x12 in in each
base		
v.		
dust.		
rank		
long side		
7428		sec. 3 $\frac{1}{2}$ ft. dust. transed a mound of earth 2 ft high 4 $\frac{1}{2}$ ft. base alongside
rate		Land level & sandy soil Ind. rate clay white edge on S chs.
8x6 in		
cor		
dig	40,000	Set temp. 1/2 sec cor.
line	60,000	Ascend limestone spur

Subdivisions T. & S.

Chs. So. 30	Intersect N & S line. 3 blks. S of cor. to Sects. 14, 15, 22 & 23, thence down S, 89° 58' W on true line between Sects 15 & 22 with same ran.
40.15	Set grey granite stone, 18x10x6 in., R. in. in ground for 1/4 sec. cor. cracked 1/4 on N. face, dug pits, 18x 18x12 in. E & W. of stone 5 1/2 ft. dist traced a mound of earth 1 1/2 ft. high 3 1/2 ft. base along side
So. 30	The cor. to Sects. 15, 16, 21 & 22 Land level Soil sandy and wet No timber

S.R. J.W. S.L. W.

5

ch.s.

North bet. secs. 15 & 16
Va. 16° E.

15.

40.00

Set limestone, 14x8x4 in.
8 in. in ground for 1/4 sec. cor.,
marked 1/4 on W. face
dig pits, 18x18x12 in. At S.
of stone 5 1/2 ft. dist raised
a mound of earth 1 1/2 ft.
high, 3 1/2 ft. base along side

with

50.00

Set blue limestone, 16x10x8
in, 11 in. in ground, for cor
to secs. 9, 10, 15 & 16, marked
4 notches on S. & 3 on E.
edges, dig pit, 18x18x12 in
in each sec. 5 1/2 ft. dist.
raised a mound of
earth 2 ft. high, 4 1/2 ft. base
along side

d

18x

5/2

nd

B.

22

Land, level & clayey.
Soil bad rate, white rag. S. chs.

Sub-divisions T. 25

Chs.	East on random line Sec. 10 & 15 Lat. sec. 10 & 15 Va. $15^{\circ} 45' E.$
20.00	Black egg enter.
40.00	Set temp. $\frac{1}{4}$ sec. cor. ^{foot of level}
80.00	Interval N & S line 7 lbs S of cor. to secs. 10, 11, 14 & 15 thence Lmns. $89^{\circ} 57' W.$ on true line Sec. 10 & 15 with same var.
40.00	Set grey limestone, $16 \times 12 \times 8$ in. Herring ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ ord N. face & raised mound of stones along side, fits impractically
80.00	The cor. to secs. 9, 10, 15 & 16 Same level. Soil sandy, bad rate No timber Mcl. 29 / 82

F.B.I.W. J.L. M.

25	obs.	North bank sees 9410 Na. $16^{\circ} E$
C.	19.75	John Barnett's house bears N $41^{\circ} W$. Road from Cove to Antelope bears N $80^{\circ} W$
leveel		
7 lbs	40.00	Set limestone, 14x10x6in, 8in in ground for fence cor. marked $\frac{1}{4}$ on W. face of dug pits, 18x18x12in. At S of stone $\frac{5}{8}$ ft dist and raised mound of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft base alongside
4x15		
7 W.		
10x15		
12x8in,		
c.cor.		
c+		
mes		
anticline		
16		
etc		
ite		
	43.50	to top of bench 20ft. high bottom "
	45.00	
	56.50	Wash bears S. $87^{\circ} 30' W$. crooked
	76.00	Road from Rock to Fillmore bears N $61^{\circ} E$ + S. $61^{\circ} W$
	80.00	Set limestone, 18x10x8ins

Sub-division S. 25

cha. Rainy ground, for cor. to
 Sects. 3, 4, 9 & 10, marked 3
 notches on E & W. edges,
 dry pits, 18x18x2 in in each
 Rec. 5 $\frac{1}{2}$ ft. dist., traced
 a mound of each 2 ft. high
 4 $\frac{1}{2}$ ft. base along side
 Land rolling
 Soil gravelly 3d. rate
 white Sage & schadscale on mch.

Easton random line
 Sect. sect. 3 & 10

Var. 15° 45' E.

through sage & schadscale
 Road from Rock to Fillmore
 bears N. 61° E & S 61° W.

4.50 Cove creek wash, 1ch wide
 des. N. 30° E. 779

5.00

25 J.R. G.W. S.L. M.

	cts.	
13	4000	Set temp. to rec. cor.
legs, each	4.00	Road to Black rock & Cove Fort lies N. $70^{\circ}W$ & S. $70^{\circ}E$.
high	6000	Wash less. N. $45^{\circ}E$, 1 ch. incl. 10 ft. deep
	79.76	Intersect W. S. line folks. N. of cor. to recs. 2. 3. 10 & 11, thence down N. $89^{\circ}57'W$. outline line bet. recs 3 & 10 with same var.
	39.87	Set white limestone, 14x10 x6 in., 10 cu cu ground, for $\frac{1}{4}$ rec. cor. worked $\frac{1}{4}$ on N. face, dug pits 18x18x2 in E. S. W. of stone, 5 $\frac{1}{2}$ ft. dist. raised a mound of earth $\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base alongside The cor. to recs. 3. 4. 9 & 10
side	79.76	

408

380

Subdivisions T. 25

	Land rolling Soil gravelly 3rd. rate No timber
	North on random line Lst. secs. 3 & 4 Ta. $15^{\circ} 45' E.$
11.00	Ta. $11^{\circ} 50' E.$ local attraction line
20.00	Va. $15^{\circ} 45' E.$
40.00	Set temp. $\frac{1}{4}$ sec. cor.
50.10	Intersect W. Body of T. p. Blocks. East of cor. to sec. 3 & 4, then established by me during this survey, thence down S. $13^{\circ} E$ on true line lct. secs. 3 & 4 with same var
40.10	Set white limestone, $18 \times 18 \times 4$ in. 12 in. in ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on (W. face) dug pits, $18 \times 18 \times 12$ in., N. S. of stone

S. P. 9 W. S. L. M.

25

where

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es.
me
we
e
of

18x4m

. cor.
dug
one

	cls.	5½ ft. dirt raised a mound of earth 1½ ft. high 3½ ft. base alongside The cor. to secs. 3, 4, 9 & 10. Land level poorly rolling soil gravelly bed. rare No timber
	so. 10	From the cor. to secs. 32 & 33 and 5th Standard Parallel South, west. Bdy of this Tp, reestablished by me during this survey. I run North bet. secs. 32 & 33
		Va. 16° 30' E.
	over	Sage brush
	7.00	Wash, 1 ch. wide, 4 ft. deep dis. W.
	40.00	Set blue limestone, 14x8x6in.

410

38,2

Subdivisions T. 25

cls	10 in. in ground, for $\frac{1}{4}$ sec e, cor marked $\frac{1}{4}$ on W. face 4 dug pits, 18x18x12 in. N & S. of stone $5\frac{1}{2}$ ft. dist. raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base alongside.
6000	Va. $16^{\circ} 15' E.$
8000	Set white limestone, 14x8x 6 in. 10 in. in ground, for cor. to sects. 28. 29. 32 & 33 marked 1 notch on $\frac{1}{4}$ on E. edge, dug pits, 18x18x12 in. in each sec. $5\frac{1}{2}$ ft. dist. raised a mound of earth 2 ft. high $4\frac{1}{2}$ ft. base alongside Sand level Soil clay & gravel, 3rd. rate scrub brush on so ch. dense

S.R. J.W. G.L.M.

25		
e, cor. e 148. seed high, 14x8x cor. locked eggs) each a high d. rate deve	chs. 5.00 4000 79.76 39.88 79.76	East on random line. bet. secs. 284 33 Tee $16^{\circ} 15' E.$ Outer black sage Set temp. $\frac{1}{4}$ sec. cor. Interval N & S slice 10 lbs N. of cor. to secs. 27.28. 33 & 34 thinner I found N. $89^{\circ} 53' W.$ on true line bet. secs. 28 & 33 with same var. Set white limestone, $16 \times 8 \times 4 \frac{1}{2}$ in ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face dig pits, $18 \times 18 \times 12$ in. $84 \frac{1}{2} W.$ of stone, $5 \frac{1}{2}$ ft. dist. tramped a mound of earth $1 \frac{1}{2}$ ft. high $3 \frac{1}{2}$ ft. base along side The cor. to secs. 28. 29. 32 & 33 Land level Soil clay & gravel 3rd rate. Decayed edge brush on $\frac{1}{2}$ incl.

Subdivisions S. 25

chks.	North. bet. Secs. 28+29 Va. $16^{\circ} 15' E.$
3.00	Enter black sage
40.00	At white limestone, $14 \times 10 \times 5$ in. 8 in. in ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face, dug pits, $18 \times 18 \times 2$ in., N + S of stone $5\frac{1}{2}$ ft. dist. raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base along side
42.00	Enter white sage
50.00	At white quartzite stone, $16 \times 9 \times 5$ in. 10 in. in ground, marked 2 mounds $\frac{1}{4}$ + $\frac{1}{4}$ C., for cor. to Secs. 20-21. 28+29 dug pits, $18 \times 18 \times 12$ in., in each sec. $5\frac{1}{2}$ ft. dist. raised a mound of earth $2\frac{1}{2}$ ft. high, $4\frac{1}{2}$ ft. base along side Land level, soil clay & sand. White sage on ³⁸ chks. good, quite poor black sage on 42 chks.

L.R. 9 W. S. & M.

25

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4x10x5

rec.

ee

of

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ft.

ide

one,

nd,

84-29

each

a

L.P.

2nd,

in pastures

Chs.

4000

4500

70.00

79.50

39.75

79.50

East on random line
bet. secs. 21 & 28
Va. $16^{\circ}E$.

Set. lmp. $\frac{1}{4}$ rec. cor.
Wash, 2 ft. deep, 25 lks. wide
dps. N $75^{\circ}W$
Road bet. L.P. & R.G.
Delivered N & S line 10 lks.
N. of cor. to secs. 21, 22, 27 & 28
thence down N. $89^{\circ}56'W$.
on true line bet. secs 21 & 28
with same var.

Set. limestone, 14x10x6 in.,
10 in. in ground, for $\frac{1}{4}$ rec.
cor. marked $\frac{1}{4}$ on N. face,
dug pits, 18x18x12 in. E & W.
of stone, 5 $\frac{1}{2}$ ft. dist. and
raised a mound of earth
 $1\frac{1}{2}$ ft. high. ~~3 ft. base along side~~
the cor. to secs. 20, 21, 28 & 29

Subdivisions T. 25

cks

Land nearly level

Soil sandy
Seed. rate
No timberNorth West. secs. 20 & 21
Va. 16° E.

through white sage

49.00

lot grey granite stone, 14x
11x5 in., 8 in. in ground, for
1/4 sec. cor. marked from W.
face, dug pits, 18x18x12 in.,
N & S of stone, 5 1/2 ft. dist. &
raised a mound of earth
1 1/2 ft. high, 3 1/2 ft. base along side

50.00

lot grey granite stone,
14x7x6 in., 8 in. in ground
for cor. to secs. 16, 17, 20 & 21
marked 3 rods chosen S. &
from E. edges, dug pits
18x18x12 in. in each sec. 5 1/2
ft. dist & raised a mound

S. W. 1/4 T. L. M.

T. 25

10
2

121

e, 14x
a, for
n W.12 in,
est. &
ath
alongside

ne,

and

20 x 21

S. L

spits

e. 5/2

young

chs.

of earth. 2 ft. high, 4 $\frac{1}{2}$ ft.
base alongside
Land, level
Soil, sandy loam rate

Easton random line
Dist. sec. 16 & 21
Var. 16° E

4.00
60.00
\$9.80

Set topsoil. $\frac{1}{4}$ sec. c. cov.
Road br. two $\frac{3}{4}$ in.
Intersect N & S line, 8 in.
N. off cor. to Recs. 15, 16, 21 & 22,
thence Land on true line
N. 89° 57' W. on Dist. sec.
16 & 21, with same var.)
Set white limestone, 14x
10 x 6 in., 10 in. in ground,
for $\frac{1}{4}$ sec. c. cov. marked //
on N. face, dug pits, 18 x 8 x 2 in.
E. W. of stone, 5 $\frac{1}{2}$ ft. dist.

Subdivisions. S. 25

cls.	Gravel mound of earth 1½ ft. high, 3½ ft. base along side The cor. to sects. 16. 17. & 18. Land level Soil good. water No timber
	North line sects. 16 & 17 Va. 15° 30' E.
40.00	Set limestone, 18×10×8 in. 12 in. in ground, marked ¼ rod W. face, for ¼ sec. cor. driv. pits, 18×18×12 in. Mt S. of stone 5½ ft. dist. and raised a mound of earth, 1½ ft. high 3½ ft. base along side
76.50	Road from Pioche to Fillmore N. 25° E & A. 25° W.
80.00	Set white limestone 14×9×6 in (for cor. to sects. 8. 9. 16 & 17) 10 in. in ground, marked 4 rods N.

S.R. I W. S. L. W.

25

earth
elevation
20 x 21

obs. on S & E edges, dug pits
18x18x12 in in each sec. 5 1/2
ft. dist. raised mound of
earth 2 ft. high, 4 1/2 ft. base
along side
Land, level
Soil 3d. rate, clay + gravel

x 8 in.
seed
. cot.

Wt S. of
raised
ft. high

5.00
37.00
40.00
73.00

Fillmore

14x9x6 in
d 4 inches

East on random
line bet. secs. 9+16
Va. 16° E.
Road from Provo to Fillmore
wood road bears 1 1/2° E.
Set temp. 1/4 sec. cot.
wood road to Cutetope bears
N. 10° W.
Intersect Wt S line, 27 lbs
W. of corner to secs 9.10.15
& 16, thence round N. 89° 49'

418

390

Subdivision T25

Ch.	W. outside line lot. sect. 9 & 16 with same var.
39.95	Set limestone, 14x10x4 in., 8 in. in ground, for $\frac{1}{4}$ ac. e. cor. marking $\frac{1}{4}$ on N. face, dug pits, 18x 18x12 in., E & W. of stones, 5 $\frac{1}{2}$ ft. dist. trashed a mound by earth, 1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ ft. base alongside
77.90	The cor. to sects. 8, 9, 16 & 17 Land level Soil test. rate No timber
	March 30 th 1882
	North lot. sects. 8 & 9 Var. 16 - C.
25.00	Road from this section to top of hill top of beach.
32.00	bottom. Wash does. E.
37.00	
140.00	Set black limestone, 16x12x4 in., 10 in.

T25

S.R., 9 W. S. L. Md.

sec.	ch.	
4 in, 8 in.		in ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face, dug pits $18 \times 18 \times 12$ in M.Y.S. of stone $5\frac{1}{2}$ ft. dist. & raised a mound of earth, $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base along side Barrett's house bears N. $86^{\circ} E.$ white sage & childee leaf (Leymus)
4 1/2	45.00	set black lava stone, 16×10 $\times 6$ in, 10 in ground, for cor. to secs. 4. 5. 8 & 9, marked 5 notches on S & N on E. edges dug pits, $18 \times 18 \times 12$ in, in each sec. $5\frac{1}{2}$ ft. dist. & raised a mound of earth, 2 ft. high $4\frac{1}{2}$ ft. base along side
4 1/2	80.00	Land level, Soil clay & gravel Grit. no timber.
4 in, 10 in.		

Subdivisions T. 25

Obs.	East on true line bect. sect. 4 & 9 Va. 16° E.
33.75	Road from Antelope to Black rock b. N. 75° E.
40.00	Set a temporary $\frac{1}{4}$ Sec. cor.
79.75	Indicated N & S line 28 lks. W. of cor. to sect. 3. 10. 4 & 9 thence S and N. 89° 48' W. true line bct. sect. 4 & 9 wch same rat
3987	Set black lava stones, 14x10 x6cm, 8in in ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face, dug pits 18x18x12m E & W. of stone 5 $\frac{1}{2}$ ft. dist. raised around of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base alongside
79.75	The cor. to sect. 4. 5. 8 & 9

G.R. 9 W. S.L. 9 M.

25

		Land level soil clay & sandy and water No timber.
Black		
Cov.		
8 hrs		North or true line
49		Lst. sec. 4 & 5
Wom.		N. 16° E.
49	32.50	Road from Black rock to Antelope br. N. 70° W. S. 70° E.
11x10		Set temp 1/2 sec. cov.
for	40.00	Intersect N. Bdy of TP
1/4	80.00	40 hrs. E. off cov. to east
sets		4 & 5 three from S.
1 stone		17 1/2° on true line but
d		sec. 4 & 5 with same rat.
1/2 ft		Set black lava stone 16 x
year	40.00	
49		

422

354

Subdivisions T. 25

ch.

8x6, 12in. in ground for
 $\frac{1}{4}$ sec. cor. marked to show
 W. face, dry pit, 8x8x12.
 At S of stone 5 $\frac{1}{2}$ ft. dist. it
 raised a mound of earth,
 10ft. high, 3 $\frac{1}{2}$ ft. base along side

80.40

The cor. to secs. 4, 5, 8 & 9

Land Level

Soil sandy & clay

Ind. rate

No timber

S.R. G.W. S.L.M.

G. 25
ffr
16 cu
8x18x12,
at. 4
earth,
alongside
8x9

Chs.

\$40.00

60.00

63.00

50.00

From the cor. to recd.
31 & 32 on Fifth St.
Parallel south or S. Bdry
of this Tp, re-established by
me during this survey, I
read North lat. recd. 31 & 32
Va. $16^{\circ} 30' E.$

thd. white lage

Set white limestone, 16x
16x6in. 11in. in ground,
for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$
on W. face, dug pits, 18x18x12in.
W & S of stone $5\frac{1}{2}$ ft. dust &
varied mound of earth
 $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base along-
side

Va. $16^{\circ} 15' E.$

Road from Rock to Fillmore
 $W 80^{\circ} E.$

Set white limestone,

424

296

Sub divisions T. 25

Obs.	<p>16x12x8 in. 11 in. in ground, marked one mole on S. & E. on E. edges for cor. to sec. 29. So. 31 & 32, dug pits, 18x8x12 in, each sec. 5 ft. ft. dist. raised a mound of earth 2 ft. high 4 ft. base along side Land, level Soil gravelly & clay $\frac{3}{4}$ in. rate. white sage along line</p>
------	--

20.00	East on random line bet. secs. 29 & 32 Tee. $16^{\circ}15'E.$ road from Mountain to Swift's ranch E & W.
40.00	Set temp. 74 sec. cor.
80.04	Intersect Mt S line 12 obs.

J.B. G.W. J. L. M.

25

nd,
+ 5
es,
pits,
e. 5/
me
t. base

3d. rate.
in

lie
e.
to

12 Chs.

Chs.

40.02

80.04

S. of cor. to secs. 28, 29, 32 & 33
thence down S^o 89^o 55' W.
on true line bet. secs. 29 & 32
with same var.

Set white limestone, 16x8x
6 in. Pm. in ground, for 1/4
sec. cor. marked fm on N.
face, dry pits. E^o W. of
Stone 5 1/2 ft. dist. frayed
around of earth 1 1/2 ft. high,
3 1/2 ft. base alongside

The cor. to secs. 29, 30 - 51 & 82

Land level

~~Soil gravel & clay 3d rate~~

~~No border~~

West on random line
bet. secs. 30 & 31

fx. 16° 15' E.

a/c

Subdivisions Feb 5

30.00	Road bears N 6° E.
40.00	Set trench $\frac{1}{4}$ sec. cor.
51.50	Road from Proche to Fillmore bears N 30° E.
50.00	foot of bank, 15 ft. high. Intersect W. body of 1 ft. at the cor. to secs. 30 & 31, reestablished by measuring this survey, three drawn on true line East, E. but. secs. 30 & 31 with same var.
40.00	Set white limestone, 14 x 10 x 8 in. 8 in. in ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face, dug pits, 18 x 18 x 2 in., E & W. of stone, 5 $\frac{1}{2}$ ft. dist. traced a mound of each 1 $\frac{1}{2}$ ft. high 3 $\frac{1}{2}$ ft. base alongside
80.00	The cor. to secs. 29, 30, 31 & 32 Land level soil clay & gravelly, 3rd state

S.P. & N.W. S. L., '96.

	cks.	No timber
Ellmore		
sh.		North sect. recs. 29430
sp.		Ta. 16°15' E.
30+3½		through shale
luring	4.000	Set white limestone, 16x10 x4 in, 10 in. in ground for 1/4 sec. cor. marked Powells face, dug pits, 18x18x12 in. NW & S of stone, 5 1/2 ft. dist. + raised a mound of earth, 1 1/2 ft. high, 3 1/2 ft. high alongside
w.		Set white limestone, 18x12x6
° sect.		12 in. in ground, for cor. to secs. 19.20. 29430, marked 2 notches on S. & 5 on E. edges
dug		dug pits, 18x18x12 in in each
J.	50.00	rec. 5 1/2 ft. dist. raised a mound of earth, 2 ft. high
cell		
H. bugle		
+32		
water		

Sub divisions T. 25

Obs.	4 1/2 ft. base elongated land, level soil mixed with clay & sand 3rd. rate
	Cast on random line feet sec. 20 & 29 Va. 16° 15' E.
40.00	Set temp. 1/4 sec. cor.
80.08	Intersect W. Slice 20. Sps. S. of cor. to secs. 20. 21. 28 & 29, thence draw on true line S. 89° 51' W. dist. sec. 20 & 29 with same var.
40.04	Set white limestone, 14 x 18 x 5 in., 10 in. in ground, for 1/4 sec. cor. marked 1/4 on N. face, dug pits, 18 x 18 x 12 in., 6' N. of

T. 25

S. P. 9 Mi. S. L. M.

side	ds.	stone, $5\frac{1}{2}$ ft. dust. raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base alongside The cor. to secs. 19, 20, 29 & 30
play ground	8.08	Land level Soil sandy but rat. No timber
line		West on random line bet. secs. 19 & 30
C.		Va $16^{\circ}15' E$, Road from Rock to Fillmore $N. 30^{\circ} E$ & $S. 30^{\circ} W$.
20 lbs.	10.00	set temp. $\frac{1}{4}$ sec. cor
1.28 & 29	10.00	intersect W. bdy of T. p.
line		20 lbs N. of cor. to sec. 19 & 30 reestablished by me during this survey, then as I am
20 & 29	10.00	$N. 89^{\circ}51' E$. on true line
14x10x5 cu,		
sec. cor.		
driv		
W. of		

430

40.0

Subdivisions T.25

cls.	Lat. secs. 19 & 30 with same var.
40.20	Set a limestone, 16x8x5 in, 12 in in ground, for $\frac{1}{4}$ sec. cr. marked $\frac{1}{4}$ on N. face, dug pits 18x18x12 in, E & W. of stone, 5 $\frac{1}{2}$ ft. dist. traced a mound of earth $1\frac{1}{2}$ ft - $3\frac{1}{2}$ ft. base alongside. The cor. to secs. 19, 20, 29, 30
So. 20	Land level Soil sandy last. rate No timber
	North Lat. secs. 19 & 20 T. 16° 15' E. Road bears N.E. by W. Set limestone, 15x10x6 in, 11 in. in ground, for $\frac{1}{4}$ sec. cr. marked $\frac{1}{4}$ on W. face, dug
20.00	
40.00	

J.R. G.W. J.L. M.

T.25

th	Chi.	pits, 18x18x12 in. W. S. of stone 5 $\frac{1}{2}$ ft. dist. Transed mound of earth, $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ ft. base alongside
8x5 in. sec. cor.	Sand	Set granite stones, 14x12x8 in in. the ground, for cor. to secs. 17, 18, 19 & 20, marked 3 notches on Sand 5 on E. edges, dug pits, 18x18x12 in. in each sec. 5 $\frac{1}{2}$ ft. dist. + raised a mound of earth, 2 ft. high, 4 $\frac{1}{2}$ ft. base alongside Sand, level
9.30		Soil sandy. Bed rock
ite		
6 in.		
sec. cor.		
dug		
		East or random line bet. secs. 17 & 20 Nas 169/15° E

778432

4 J. 2.

Subdivision T. 25

Ch.			Ch.
37.50	Filmore & Rock road N 30° E. S. 1.30° W.		
40.00	Set temp. $\frac{1}{4}$ sec. cor.	40.00	
80.40	Interv. N 1 S line, 20 ft. S. of cor. to secs. 16, 17, 20 & 21, three land. S. 89° 31' W. on true line bet. secs. 17 & 20 with same var.	80.00	
40.20	Set white limestone, 15 x 10 x 6, 10 m. in ground, for $\frac{1}{4}$ sec. cor. on arched $\frac{1}{4}$ m. on N. face, dug pits 18 x 18 x 9 m. E. & W. of stone, 5 $\frac{1}{2}$ ft. apart traced a mound of earth 1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ ft. base alongside The cor. to secs. 17, 18, 19 & 20 land, level	40.00	
80.40	Soil sandy and wet No timber	80.30	

T. 25

S. P. G. W. S. L. M.

1 N 30° E.

in 20 sec.

7. 20 & 21,
35° W.

cs. 17420

us, 15X
for 14
con N.
88° from E.dust
of earth
alongside
19420

out

Chs.

West on random line
bet. sec. 18 & 19
Ta. 16° 15' E.

40.00

set bamp. $\frac{1}{4}$ sec. cor

80.50

Intersel W. Bdy of T.P.

10 Chs. So/cor. to sec. 18 & 19
then reestablished by measuring
this survey, thence from
S. 89° 56' E. out true line
bet. sec. 18 & 19 with same
var.

40.50

Set white limestone, 16x10x $\frac{1}{4}$ "
10 in. in ground, for sec. cor
marked $\frac{1}{4}$ on N. face, dug
pits, 18x18x12 in., E & W. of
stone, 5 $\frac{1}{2}$ ft. dust. and
raised a mound of earth,
1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ ft. base alongside
the cor. to sec. 17, 18, 19 & 20

Land level

434

404

Subdivisions T. 25

cls.

Soil 2nd rate sandy
No timber

North Lct. sect. 17418

Va. $16^{\circ}30' E$

40.00

set black lava stone, 15x10
x6in. 10m in ground, for 1/4
re. c. cor. marked 1/4 on N.,
face, dug pits, 18x18x12in
5 $\frac{1}{2}$ ft. dist. N & S of stone,
& raised a mound of earth
1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ ft. dist. alongside
Road from Buttelope to Fred.
Lcros N. $64^{\circ} E$ & S. $64^{\circ} W$.

75.00

Set black lava stone, 18x12x6in
12in in ground, marked 4
notches on S & 5 on E edges
for cor. to Sect. 7.8.17418
dug pits 18x18x12in. in each

T 25

S.R. 9 W. S. L. N.

July	chs	sec. 5 $\frac{1}{2}$ ft dist. raised a mound of earth 2 ft. high 4 $\frac{1}{2}$ ft. base along side Land, level Soil, clay & gravel, 3d. rate.
18		
2		
2, 15x10		
for 14		
con 97,		East on iron down line
8x12 in		lot. sec. 8 & 17
ton,		Va. $16^{\circ}30' E.$
of earth	10.00	Road from Frisco to Shutehope
alongside		bears N. $64^{\circ} E.$
1 Frisco	10.00	Set temp. $\frac{1}{4}$ sec e. cor.
10 W.	10.40	Intersect N & S line 50
, 18x12x6 in		ft. S. of cor. to sec. 8, 9, 16
bed 4		& 17, thence down S. $89^{\circ}39'$
Edges		W. on true line lot. sec. 8
748		& 17 with same var.
in each	10.20	Set white limestone, 14x8x6 in

436

106
Subdivisions L. 25

Chs.	10 in. in ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face & soil dry, 18x18x12 in. E & W. of stone $5\frac{1}{2}$ ft. dist. & raised a mound of earth $\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base along side The cor. to sect. 7. 8. 17 & 18 Land level Soil clay & gravel 3rd. rat. No timber.	Chs. 39.91
80.40	March 31 st. 1882	19.90
1.00	West on random line Sect. sect. 7 & 18 Va. $16^{\circ} 30' E.$ wash, 3 ft. deep, 20 ft. wide az. N. $45^{\circ} W.$	
4.00	Set. temp. $\frac{1}{4}$ sec. cor.	
79.90	Intended N. bdy of Twp. 18 less N. of cor. to sect. 7 & 18	

S.R. 9 W. S. L. M.

T. 25

use.cov.
e +
in. Ext
st. +
'earth
alongside
74 18

3d.rat

1882

live

E.
wide1780
1748

Chs.

3.9.90

19.90

reestablished by me during
the survey, thence I said
 $1189^{\circ}52' E.$ on true line but,
Sec. 7 & 8 with same cov
set white limestone, $16 \times 10 \times 6$ in.
16 in upright, for $\frac{1}{4}$ sec. cov
marked $\frac{1}{4}$ on N. face and
dry pits, $18 \times 18 \times 12$ in $E^{\circ} 7 W.$ of
stone $5\frac{1}{2}$ ft. dist. raised
round of earth, $1\frac{1}{2}$ ft. high
 $3\frac{1}{2}$ ft. base alongside
The cor. to Sec. 7. 8. 17 & 18
Land level
Soil gravel 3d. rate

North on true line
bd. sec. 7 & 8

Subdivisions F. 25

cls.	Va. 16°30' E.
17.00	top of bench ls. N.
28.00	bottom " . Core of creek, wash 14 chs. wide
33.00	top of bench, 15 ft. high
40.00	Set black lava stone, 14x12x8 in, face angular, for $\frac{1}{2}$ rec. cor., marked $\frac{1}{4}$ on W. face dug pits 18x18x12 in. N & S of stone, 5 $\frac{1}{2}$ ft. dist. raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base along sides
50.00	Set black lava stone, 14x12x10 in 10 in. angular, for cor. to rock. 5. G. 7 & 8, marked 5 notches on S & E. edges, dug pits 18x18x12 in. in each rec. 3 $\frac{1}{2}$ ft. dist. raised mound of earth 2 ft. high, 4 $\frac{1}{2}$ ft. base along sides.

S.R. J.W. S.L. M.

T. 25

creek, wash

1

14x12x8

sec. cot.

edge

of stone,

wooded

ff. base

14x12x6 in

to rock,

matchet

pits

c. 5 1/2

meel

1/2 ft.

Land level

Soil sandy fine. rate

East on random line
Lat. sec. 548Va. 16 \circ 30' E.

Chrs. sage & mountain rush

Set temp. 1/4 sec. cot.

Inclined N + S line, 42

cts. S. of cor. to sec. 4. 5. 849

Chence Town S. 89 \circ 42' W. on
true line lat. sec. 548

with same var.

Set black lava stone, 15 x 10

x 8, 10 in in ground, for pit

Cov. marked 1/4 on N. face,

dry pits, 18 x 18 x 2 m E + W of
stone 5 1/2 ft. dist and raised

Subdivisions T. 25

Chs

a mound of earth, left,
high $3\frac{1}{2}$ ft. base alongside
the cor. to secs. 5, 6, 7 & 8

80.20

Land level

Soil sandy, bad rate

No anchor

80.20

West on random line

Lat. secs. 6 & 7

Fa. $16^{\circ}30' E.$

40.00

Set temp. 14 rec. cor

80.20

Intercept W. bdg of T.p.

Chs. 25 S of cor. to secs. 6 & 7,

re-established by me during this survey, then I run

S. $89^{\circ}49' E.$ on true line

Lat. secs. 6 & 7 with same

Var

40.20

Set black lava stone, 18 $\frac{1}{2}$ "

80.70

S.R. J.W. S.L. M.

25

ft., ft.
wide
18

obs.

x 6, 12 m on ground, for 1/4
sec. cor. marked from N. face
dug pits 18x18x12 m. E & W.
of stone, 5 $\frac{1}{2}$ ft. dist. traced
a mound of earth 1 $\frac{1}{2}$ ft. high
3 $\frac{1}{2}$ ft. base alongside

No cor. to secs. 5, 6, 7 & 8
Land, level

Soil sandy and rate
No timber

North lat. sec. 5 & 6 on
random line

Va. 16° 30' E.

64 $\frac{1}{4}$,
during
run
line
same
, 18y10

4000

S. 75

lat temp. 1/4 sec. cor.
Intereet N. Body of Twp. 50
lks. E. of cor. to secs. 5 & 6,
established by me during
(this survey three I run)
S. 21° E. on true line but

442

442

Subdivisions T. 25 S. R. 9 W. S. L. M.

chr.

secs. 5 & 6 with same
var.

40.75

Rct limestone, 14x10x8 in.
Sun in ground, for $\frac{1}{4}$ loc. est.
marked $\frac{1}{4}$ on W. face, dug
pits, 18x18x12 in, Ht S. of
stone $5\frac{1}{2}$ ft. dist. from
a mound of earth, $1\frac{1}{2}$ ft.
high $3\frac{1}{2}$ ft. base along side
The cor. to Recs 5. 6. 7 & 8
Land level

88.75

Soil sandy loam
No timber
April 1st 1883

General Description

This Township contains mostly level land with soil of a gravelly sandy nature.

The SE portion is rocky & mountainous with some lava beds.

The depositor, John Barrett resides in Sec. 9 and has considerable land cultivated with other improvements.

Several springs on his claim furnish ample supply of water.

This Twp. is destitute of timber excepting a few

46

444

414

Ch

Scattering cedar.

Ho.

The township is traversed
by several main roads

Andrew Stewart

G. S. Dept. Sur.

So.

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[4.—LIST OF NAMES.]

A list of the names of the individuals employed by Andrew Stewart Jr., United States deputy surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of Exteriors and Subdivision lines of Township 22 South Range 19 and 20 W., and the 5th Standard Parallel South Range 9 West, and the exterior and subdivision lines of Township 25 South, Range 9 W. of the Salt Lake base and meridian in the Territory of Utah, showing the respective capacities in which they acted.

, Compassman.

Joseph F. Shryper, Chainman.

James M. Stewart, Chainman.

Brigham J. Brown, Chainman.

Jas. F. Gyles, Chainman.

Joseph R. Gyles, Axeman.

George S. McBride, Axeman.

A. G. Earl, Axeman.

We hereby certify that we assisted Andrew Stewart Jr. United States deputy surveyor, in surveying all those parts or portions of the exterior and subdivision lines of township 22 South, Range 19 and 20 West, and the 15th Standard Parallel South range 9 West, and the exterior and subdivision lines of township 23 South, Range 9 West of the Salt Lake base and meridian in the Territory of Utah, as are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established according to the instructions furnished by the United States surveyor-general for Utah.

, Compassman.

Joseph S. Thompson, Chainman.

James Stewart, Chainman.

Brigham J. Brown, Chainman.

James S. Charles, Chainman.

Joseph R. Gyles, Axeman.

~~John E. Gifford~~, Axeman.

George S. Robison, Chainman.

H. J. Gaal, Flagman.

Subscribed and sworn to before me this 9th day of April 1882

J. Miles
Notary Public

[6.—FINAL OATH OF UNITED STATES DEPUTY SURVEYOR]

I, Andrew Stewart Jr.

United States deputy surveyor, do solemnly
swear that in pursuance of instructions received
from Frd Salomon

United States surveyor general for Utah, bearing date of the 16 day of June, 1881, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States

surveyor general for Utah, the surveying manual, and the laws of the United States, surveyed all those parts or portions of 1st Meridian E. from 5° S. Lat. sec. 44.5. East, Extioros and subdivisions. In 5. S. R. 4. E. Extioros and subdivisions. In 6. S. R. 2. E., 2d standard parallel. 3. R. 8. S. 19. W. 4th standard parallel. S. R. 13. 14. 15. 16. 17. 18. 19. 20. $\frac{1}{4}$ Snake Valley Guide meridian. Extioros and subdivisions. In 15. S. R. 19. W. In 16. S. R. 18. W. In 17. S. R. 19. W. 18. 19. 20. 21. S. R. 9. W., and extioros. In 20. S. R. 19. W. and extioros. 18. 19. and 20. S. R. 20. W.

of the Salt Lake base and meridian in the Territory of Utah, as are represented in the foregoing field notes as having been surveyed by me and under my directions, and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the surveying manual, printed instructions, the special written instructions of the United States surveyor general for Utah, and in the specific man-

448

418

ner described in the field notes, and that the fore-
going are the TRUE field notes of such survey;
and, should any fraud be detected, I will suffer
the penalty of perjury, under the provisions of an
act of Congress, approved August 8, 1846.

Andrew J. Stewart Jr.
United States Deputy Surveyor.

Subscribed and sworn to before me this 17
day of November 1881

William H. Wright Jr.

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, July 22nd 1882

The foregoing field notes of the survey of the

Subdivisions

Township No. 25 S. Range No. 9 West.
of the Salt Lake Meridian, Utah Territory,
Executed by Andrew J. Stewart Jr.
Under his contract No. 103
of the 15th day of June 1881,
in the months of March & April 1882,
having been critically examined, the necessary
corrections and explanations made, the said
field notes, and the surveys they describe are
hereby approved.

J. A. Salt Lake City

U. S. Surveyor General for Utah.